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CARL CHOS SO WAS and hundreds of other one that will couble well as nowice. Contains 17 chargers, with



Fider bolits of braniles are no bracer a ports. This book tells all phases of successful

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This is not book ever that proche in the in an analysis of his such and a guaran of success II med to see an analysis of wealth not all more for \$000.00." Price S6.50 Pertonid

DESCRIPTION OF PROPER by Rubert G Morigoon

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RECORD AND REPRODUCTION IN THE REALING MEMALS by E. E. Leberes





Fort Loudon

Pennsylvania



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For your even take and your family's take, take

By the property of the

plus the catalog of opportunities in your field. Seconds sharpes up? Proce your worth by improving yournelf. Here, too, LCS, can help you-just as its influstry-approved training has helped lundereds and thousands of men and women in good times and bad, Third; sten us? Osabilis susualit for recon-

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I. C. S., Serenton 9, Penns



IF IT SLIPS... IF IT CHAFES... IF IT GRIPES... THEN

THROW AWAY THAT TRUSS!



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and fran—I we provide you with the support you want and need Learn NOW about this perfect of trues investion for most forms of reducible rupture. Surely you keenly desire... you negerly CRANY to enjoy most of life activities and pleasages once again. To work ... to play ... to live ... to love... with the humming fran of Rupture beared in your thoughts! Literally humsand of Rupture sufferers have extered this Ausgains of Passadar Registed... have worn our would be you. So may be a support of the support of the

and night. Thousands of grantful letters expects learnful thinking from the first from min and owner;—results beyond the expectations of truth from the annual owner;—such special the expectation of mar? Get the complete, fastimating fasts on the Brokes Air-Chables (Philoco-end food one free Requires Bode,

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PROOF!
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"Secretary to the control of the con



amplectumed Any you risk outsing as the complete Breaks in SENT in this confidence of TARLAS. Servey you one is to yearen to increasing a fine another than the contributed in the contributed and the contrib

MAIL THIS COUPON NOWIGE BROOKS APPLIANCE CO. 101- L State St., Marshall, Mich. Without sideption, plans not your FEEE DOK on Reptays, 7900P of Rendy, and TELAL OFFER-all to plant envision.

"FORGETS HE IS AUPTURE I had the repters eroes years before year support, and was in the hospeal by son-ordered throughout for one the

Steet.

To The Editor

The bem associated with the printing gime since 1999; that's right, 43 years of it. So, when I saw that loo box on page 15 of your April 1994 jams, I couldn't belp but speat of so somebody, or some group OI couns, I'm referring to "Housing Propert for Woodcocks." But the resu

of your April nose is o.k.

'The box pictared to the left, same page 13 of your April nose, recommended for wood duck overpancy — well, that opening is o.k. for say, blashirds, but, for wood duck? No! Thru opening should be 4 inches in width and 4 inches high! — Wm. W. Wedeking, 119 W. Oltarion

— Wn. W working I I W. Christo Street, Chicago 10, Illinois. Editor's nece Mr. Wedekung is of ourse referring to the typographotal crear in the title of the article dealing with bourn for woodshocks. We applogues for such a blander but het liest than I out of

As far as the opening of the base is our picture as the opening of the base is opening to the opening of the opening is the picture occupies; by the width of the base and state the opening is the picture occupies; by the width of the base and state the opening is correctly as we are the opening is correctly only the opening of the opening opening of the opening ope

ing to date.

"I especially enjoyed your March issue since it centred so many stones on teaping, which are the most naturating to me Keep those astores coming. After all we can all be amateurs, but we need perfessional advace to become professionals."

—Trustan Olore, independence, Wis.

Table your magazine very much it is the best outdoors magazine of all it is always to the point and true. Your obtained some are always independing only your article, "We are Killing Our Door with Knotlanes," as the February uses should be reprinted in every outdoor magazine in the counter.

"Otto's last deer season was the best ever, taking 4,000 deer in 3 days of which only one afforced good hunting cooltions. Does and bucks of all start were ligal except in two countrie. I think more tance should have any age and see deer seasons"— John Welton, Cleveland Her, Ohio.

"I used to take other outdoor magazines, but yours has them all beat."—E. F. Blaska, Savanna, Illinois.

"I scally enjoy your magazine and the most surversally and deservedly popularities are of seemanting attention deep cold, fresh water and can be found

AMERICAN WOODSMAN

 S. Stanley Hawbaker
 Publisher

 Lyman B. Hawbaker
 Editor

 R. E. Boechdey
 Eastern Advertising, Representative Ross 600, 6 East 28th Strent, New York 11, N.Y.

 Vol. 3
 JUNE 1954
 No. 11

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Parallyta by Assercan Woodsman, Inc.

Your front covers are majorepiects; and in North America as far south as satisfied are of tementalous autoeut to my 12 year water permits.

old see and his Toulders' who come to Artificial stocking of watern formerly one become "Output J Hannel, Dalls' better nor of this actuantle have been source."

The Cover

THE SMALL MOUTH BLACK BASS (Microperus delenies)

By Claude Peacock

The small-mouth black bass is one of the most universally and deservedly popular of American game fishes, it prefers

in Noeth Azzenca as far south as sentide a water permits.

Artificial stocking of waters formed birrar of this gamantr have been most soccessful. No one can deay the specimal qualities of the studiences, but there as a great deal of discussion on whether he are a like stor member of the trans face.

or a libr size member of the treat family will put up the better (agin. Red and neel records for this species show some discrepture; Some sources put the record size at cight pounds, others at may. However that might be, a six or savan pounder will give a good account or homself and must be considered a large fish as far as small enough base are concerned.







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AMERICAN WOODSMAN

News and Views

Trasses of Docks Unlimited have appropriated \$450,00 to continue the work of restoring and rehabilitating duck bereding grounds in the Canadian posture previous grounds and the Canadian post previous grounds and the Canadian post process and proposition was the largest even allocated for this previous process by Docks Unlimited and basing to almost \$4,000,000 the amount contributed since 1998 for building and reasons growth and "Only "disk fasteries" on Canadian teams, growth and "Only "disk fasteries" on Canadian process of the contents's migratory waterfoot hatch and rause their young.

OTTER POPULATION INCREASING IN WISCONSIN

According to latest reports from Wisconsin, the otter is now more abundant there — numbering thousands than at any time since the early part of the century. Last season mee than 600 were trapped, most during beaver season in betwee sets.

Recommendations have been made in Woosonia node chewbere that the tirrying of these motions be based element on the tirrying of these motions be based element of the tirrying of the control of the totagels has much in it sieves in theory, of desert? bold much possure of working out in practice. As has been a Wiccoma. Moreole will also a satisfar prince in a Wiccoma. Moreole will also a satisfar prince in a Wiccoma. Moreole will also a satisfar prince prince page again a closel and beaver tripping in differ prince when the control of the control of the control of Working and practice, the control of the control working and practice, but the said precent seried by the projudence.

As long as the enter is holding as own or increasing staglety, a seem feating to too the response on them and make hardend of beaver mapper. In wisdoms when they call the control of the control of the control and will be control of the control of the control of the and will not attain the per unit area population of beaver, and will not entire the per unit area population of the control, mackets and note fenderees. Their number, did not decrease in the course of a few years so it is hould not expect the control of the contr Commercial fishery operators on Lake Michigan chims the Lake trate population in Lake Michigan is almost and so the basis of the few body trout that are showing win connection with other fishers operations. Report of seeing only two or three tout a week are common. From this information is appeared that Lake Suprice is the only one of the Great Lakes that can now boost any appreciable Lake texts population. The seal Impery is blamed for decimating this important commercial and soon fish.

Bacouraging rews for booters of the Florida Key Deer is found in the manner in which these little fellows have been staging a controlack. Nearly 100 can be consisted to day, In 1950 there were only 10 Key Deer in existence to the packets who watered to be in on the final shapfort. That the head is backley not capable of reproducing its lead in evidence do by the trabling in population as three benefing assume. Owner papers made and Irving conditions, the Key Deer, once the concess of concentrations from all parts of the world, about have a new less on

150 Spanish red-legged partisidges have been received by the Colorado Genre and Fish department fee transplants to the proper of the property of the property

liphed tool eggs recined by New Hampshine from Cunda have sprending banded successfully. These treat whath will be known as uplake treat, originated from counting line and book now and have been capterminated from the hybrid has the best features of both species, specially the spread of the spread of the special from once making than either besond or best species, the special properties of the special from once making than either beson for the special from once making than either beson for this own from the making that was not make the first more making than either besond the first more making than the special properties of while to considered in the fur frameng department of this magazine cost mosts.



Look What's Happening to Fishing in the OZARKS

By LISLIE G. KINNON

l acriel, teken from 10,000 feet, shows only a parties of the 1,372 shereline of the fewed Lake of the Ozerks in Missouri. Place by Masse, Me Resource Dir.



Fishing in the Ozorks can be the lasy fishermon's real paradise. Its clean, coal streams offer accellent passish and shody banks on which to rest. Above pictors shows Habotonka Spring near Connections, Min. The chances are, if you're an axid fisherman, you've fished one of the famous Ozarks streams or lakes seme-time in the past. Maybe you came away disappointed because you failed to catch your firms.

That's the thing Arkansas, Missouri and Oklahoms are trying to avoid. And if you'd revisit your old spot, nine will get you ten you wouldn't come away disappouned a second time.

What's happening to fishing in the Ozarks shows the tremendous interest shown in this natural, scenic, fisherman's paradise.

Missouri his gone all out in the past to see to it that that state's fishing received every bit of publicity it deserved. But now, they're proving they knew what they were talking about? In Oklabora, two brasel new lakes have been added

In Oklahoma, two brand new lakes have been added in the past year — and they're loaded with many types of fish. In Arkansas, there are two more new lakes, both of which are reporting phenomenal catches. Continuous striction efforts by the those state commis-

Continuous stocking effects by the three state commissens has paid of by the planning in set for the precut—but for the fature. In past to come, fining experts on the planning of the planning of the planning of the Energy for shore pieces of the new Athensas lakes, Masson has had to be satisfied with what they're got, Du fishing has not lessered in any of the old streams or isless, and some of time reported legacy excited sites over even during the smally two lost mention to just and Julyven have abled once 33,500 acres of water.

Fort Gibson lake, located 12 miles north of Muskoger, with a water surface area of 19,000 acres, and Greenleaf lake, with its 12,500 acres, have so far been excellent fish-

But Oklahoma's top drawing card as far as the fisherman is encormed continues to be Grand lake. The large body of water, also known as the Lake of the Cherokees, was created by the largest multiple arch dam in the world, and has a shoreline of more than 1300 miles. The does itself it one and a courter miles from and 155

The season there is never closed, and licenses in Oklaborns run from \$2.25 for a 15-day non-resident permit to

just \$5.00 for a year's fishing. There's a bag fimit of 25 on crappie, 10 on black bass, 15 on channel cat, and no limit on white bass in the lake. Particularly on the Honey Creek Bay arm of the lake are takes large. One reason for this is that large brush riles approximately every 100 yards along the shoreline have been constructed and marked with a vellow sign. These markings may be repellent to the fisherman who really wants to "rough it," but it pays off for those who don't want to walk for miles looking for a likely snee

This arm of the well-known Oklahoma ozarks lake is especially noted for its giant crappie. Some catches this year have weighed more than four pounds. The lake is also well stocked with black bass, large and small mouth and white bass.

Fifteen miles south of the Grand Lake on highway 82, Stavinaw lake offers some rood fishing spots. A carefully planned and executed fish purposestion and lake management by the Tulsa City Water Department (Spryngw furnishes water for the city of Tulsa some 80 miles away)

makes game fishing good the year round More than 250,000 fish are released annually in the lake. Your best catches expectable there are large and smallmouth bass, crappie, bluegill, green sunfish, rock bass and channel cat. In the early spring, black crappie

always hit hard. As far as the new lakes are concerned, Arkanasa' Norfork and Bull Shouls lakes are offenne fishermen in the Ozarks their greatest thrills. Lake Norfork, an earlier companion of Lake Bull Should has more than 500 miles of shoreline fire 30 700







As night fulls the test is pirched and fishing goer is propored in residiness for the next day. Grovel hors on which to comp amplestiful and a confernable right's next can be expected.

These by Manie, Me. Research Div



meny a good yern is swapped.

acres area are already claimed to be the "finest fishing waters in the south" and it may well be just that. Norfork's dam (2,624 feet long and 242 feet high) has made

all this possible.

Best fishing at Norfork this year has been for bass, and the Bennet Bayou arm is highly recommended.

Twenty-free miles away at the new Bull Shouls Lake, formed by construction of a \$77,000,000 government flood

control and power dam, all types of fishing this year are tops.

More than 10,000 bass were brought into the Lakeview, Arkansas, boat landings this spring alone, and some huge browness are being caught. So far, the record is 12 and one half nounds, but you might be able to too that the

way they're biting.

Incadently, state-opened tog-powered ferry boats will take you across Lake Norfork if you travel U. S. 62 and Arkensas 101. These boats operate every 15 minutes, 24

hours duly.

In Missouri, best lake fishing is at Like Tuneycomo, and the Big Lake of the Ozarks.

The hos lake 60 000 acres of it, offers top crapple fish-

ing, and there are few days when you won't catch your fill Bass fishing also rates high, and channel cat is good if you know how to fish for them.

Missouri's fishing it year dispersible, ranging from the

Missour's fishing is very divertified, ranging from the 17-pound walleye to the four ounce bluegill and in types from the rainbow troat to the carp. On any of the Ozarisa lakes, you'll find it will definitely

pay to here goides who make it a point to know where the fish are, what they're bring, and when. Here's an example of what's happening to fishing in Misseuri's lakes so far this season. Lake Taseycomo has paid off at the rate of 30 pounds of game fish per acer: Warnelin has reeduced a tenencolous run of carpore (80

per cent of your catch would be cappie there); and nearby Clearwater, with only 1,650 acres, has produced starting good has results.

There is another feature of the big Lake of the Ozarks which is appealing to dishermen. It's supposed to be mos-

which is appealing to fishermen. It's supposed to be mosquito-free. A permissently-operated "Mosquito Coatrol Fleet" keeps the lake rid of those pests, so you can fish at

It is, incidently, one of the largest impoundments in the United States, with a shoreline of 1,572 miles, and 129 miles long. It is also probably the most accessible lake as the entire Ozarks. But the number one attraction in the Ozarks fishing, desent all the lake improvements, continues to be found

emps
Veteran guides will argue until the sun goes down on
which ever offers the best float fishing.
Im Owens, rechars the best known guide in the

Jim Owens, pechaps the best known guide in the Ozarks, says at his Branson headquarters that the upper White and James rivers in Missouri are the best in the Charles.

Dent Wilson, of Lakeview, Arkansas, another longtime guide, claims the new lower White below the Bull Shoals Dam is the better, perticularly since it offers an added structures of perceasily lettle Known treat fishing, four strully, there are many traves and streams in potrerespot Orack land, and nearly all of them offer better-than average fishing for four trips or bank shining. White River is agreently consceld to be the number one Oracks float tup drawing eard. Floats can last from one Oracks float tup drawing eard. Floats can last from our day (for full) up to two works and any core you went depending on low elaborate you want to per, Everythine is furnished. Camping is done on graved has and

usually, you (or your gaide) cook your catch each evening and exchange fishing prain. It's an especially delightful part of the Charles fishing tep.

Float trips are something which originated in the Oranks at the turn of the century. Since thee, fishermen from all walks of life have made float trips a "must."

One were fishing structure is Bronnet Sorians and

all water of the face more noted to the princips and.

One more fishing attraction is Bennett Springs and

Roaring Rover state parks in Missouri. Troot fishermen,

for a one dollar fee plus licenses, can usually pull out

their fall of fighting numbows in the clear, cold greams in

short order.

Continued on page 36

A young fishermon displays several relebent teles from Montack State Park. Three such perks are maintained primarily



Private Lives of THE ALBINOS



hossess: eras of guarded mystery, albino manmals and beds perhaps have always occupied a place in Nature's facinating moans structure – balling matations with vigorous and tenaesous powers of singular repetition through the ages.

Sometimes there are outstanding individuals exquisite-

donceines unest ae contacting informatian Equations by bestellating in their ghostly leveliness, and cursos will concluse that have been only parally touched by which contacts the same and the contact of the contact produced bettern wars convenient could be the contected bettern wars convenient could make for between — these phenomenal challenges to make faculties between — these phenomenal challenges to make faculties between — these phenomenal challenges to make faculties between the contact and the contact for feathermal reasoning and configering explanation doubtless will be with as as long as the earth rotates in functional celest.

functional order.

Doe what is a true although Pinch by way of clarification, a though by posted or that manufact and head to provide the state of the control of control of

Actually, the eyes aren't pink. At least not in the sense that the outer coloring is pink. To say that the sits — the parent, or unpignented, is perhaps the best ways to applien the presence of the piak collecting. What most people don't know as that they are looking abroaps the cotor part of the althoris's eye, and into the entires which is nothly supplied with blood. This exposure of the blood, thinling through the clear tink, creates a false impression of surface principus in the eyes. The even of every albutic creaters are extremely sensi-

The eyes of every albuic creates are extremely sensitive to light because too much light finds at my through the clear int and uso the relinal area. Consequently the necessity for squiring to start out some of the excess light is one of the characteristics marking the true creature in which. The pignostation in menal eyes provide proper filtering to curred amounts of light entring the eye for balanced unitation. Frequently the eyes of albasio become unitated by the toeture of painful light, with bounders areastime to retting contributions.

The word ablant, Servent from the Lann ollow, rease ing when, has presented descriptive significants for samp contarries and parts of the world. From earliest times almon annuals have been regarded with see Admond auprections have promping up around them Hantens have present the properties of the second through the proporties as these properties in this country — is consistent a sarrol beam Margaret Landon, in her true "Annu and the King of Sunn," and that "It was enteread and the second through the second through the "Annual the through the second through the second through the second through the second through the "Annual through the second through the second through the "Annual through the second through the second through the "Annual through the second through the second through the "Annual through the second through the second through the "Annual through the second through the second through the "Annual through the second through the second through the "Annual through through the second through the second through the "Annual through the second through the "Annual through through the second through the second through the "Annual through through the second through the second through the "Annual through through the second through the second through the "Annual through the second through the se Albeina, eccuring own in plants, faber and human, is variantly without limitation in its world overage. A system little properties of the only where proteins among thousand of disclosured between, in affects in major limit and a state of the properties and education in plants of the properties and education in plants of the properties of the properties and education in plants of the properties of the properties and education plants of the properties of the p

Fortzheitelly, it is increasing lates to note that while shiness not encourage new popules, it is cannon among others. The Zam and other fession when of Amonas, for instance, here a timbe high present area from the single states, and the single present and the single states of shire for every ten diseased substants; but by way of another illustrative corrects, the Sam Blase Indians of another illustrative corrects, the Sam Blase Indians of Dates have an abbuseness of the single states of the single desired and the single states of the single states of the single states of the single states of the single states own Amonas Indians, as a whist, how consistently now of a single singl

effort to build up a part altition strain.

Being an altibion sexus just one thange the victim of altimats in defective. For altibion creatizes all and sunley are feeds which Nature failed to emplete during being receiver process. Somewhere the instrument that models perfection dispoted, somewhere there was a bot of haptana of intelling of the key decice which permit their lattites of reproduction to turn firm and the print their lattites of reproduction to turn firm and troop. All of which their contract to the first seven are the processing out to the first specific of the processing and their lattites of reproduction to turn firm and they does all their lattites of the processing and their lattites of reproduction to turn firm and their lattites of reproduction to turn firm and their lattites of reproduction to turn first lattites. The case which does not be a support to the processing the processing and their lattites of the processing their lattites of the processing their lattites of reproduction to the lattites of reproduction to their lattites of reproduction to their lattites of reproduction to the lattites of reproduction to their lattites of reproduction to the lattites of r

each have applied demoders to the study of albnium. Many books have correct the subject—ponderso technical volumes with uncamp depth bearing strengthe portanity, You can specificare district, which was perfected offsite for a single Ragilla book on albniu topics, but it probably wouldn't be of any wearthwhite white to you. It's all shows this channer, feet metris, color-bases, reposed eye capillatine, ensymes, thomagins, Mordeline necessive, or texts. What you want in a fairly readable answer to the above question. Here it is a stimely so I cam pat it.

Allmon on all lake in that they are unsignmented. This link begans to shape up in the manescreet shat go on in the development of the genn-cells — a process so susticate in the production of ollargonal and there are opportunities for deeping out certain items in the relies government of the process of the first of seeping out certain items in the relies government of the first of seeping out certain items in the relies government of the first of seeping out certain items in the relies government of the first of the firs



Photo by Fa WS Albree muskest, a snew-white wate, taken on Spicer mersh



A partially albino block-tell deer fews captured at LaPush Washington.

White far seel pup token on St. Paul Island, Kitovi Rockery, Alaska. Eyes and Rippore were pink.

Photo by T & WS





MR. RINGTAIL

By Hai, Swigger

Probably one of the least known but most interesting animals in the United States is the Bassassik or Caronicule as it is called by the Astec Indians of Mexico. It is recognized by trappers from Origon and California across the southern states to Texas and Louisiana as plain old Ring-

Abbusy related to the tracoso, the rather rate latelling magnified of as smaller. With its long instead to John amongsted of the sample, with a long instead to John among contribute the transite but in early distincted by the most recently the transition of the tr

representation of the control of the

cause of their interest in reducing the population of rats and mice.

A number one trap is all that is needed to hold ringtal but any set mude where a 'como or for may happen along should have a trap large enough for those naminal Underspeng traps have proved sanisfactory for sets in nodey bolist where the openings are too small for other amenta. See much at the base of hollow trees are very asserting the set of the set of the set of the set of at they will hold the occasional for and 'com that will get cought whether you want them or not.

get cuight whether you want them or not.

After trying all bais that radpt do some good, including applex, nats, beroes, brods, mice, horsement, lover, fish oil and brown sugar, the most ringstall by far were caught on sardness packed in soybean oil and brought at the goo-cry some for nine cents a can. Each can produces built for about ten self-

Although not in the hard to trap class, migrall sets should be carefully made using year paper over the should be carefully made using year paper over the pass and under the pass of the trap to keep dust from interfering. Cover with fine dirt and Leaves to fit the services of the containing condators. Even though you might not be trying, flow and 'cono will be cought in peopley made sets.

Rangash should be shoused cased and will day rather fast store the rate not as fat as 'cono and 'possion'.



This female 'coan get trengled up in a Ringstall set. Corefully propored sets often pay off in looking other technotree. A Ringstall trepper can't keep many from shunha. Sin were coupled in two seeks of trying to credit them.



The 'peases is a missace to the Ringtoil trapper, tee. They seem to walk into any kind of set ony here and any place.

This male Ringtoil weighed 2½ pounds, which is average, Fernder average slightly less then 2½ Re. A. No. 1 tony is observed for Ringtoils, but the earlier sets of the Contract of the Ringtoils, but the earlier sets of the Contract of the Ringtoils, but the earlier sets of the Ringtoils and Ringtoils and







in politing a Ringstell the back lags and tail cuts are made on the ground belowse it appears center to the author.



After initial cats one mode on the ground, the cained in large to branch where the diseasing process is completed in the usual measure of casing.

Eigetic stretch obes 23 leakes long, the body stelf being add 4 feeber or absolute. Which is large in about 6 inches and 4 feeber or absolute. Offers these in inches in larges. We still proceed to the largest and 4 feeber or absolute. Offers these in feeber is required to the still proceed appart to day.





14 · AMERICAN WOODSHAN · JUNE, 1954



BIG GAME YOU SHOULD KNOW

By LARRY HILL

They call him "the killer!" And yet, to many he is considered a coward. However, his choice to elude a pack of heands and a gan bearing hunter does not necessarily condemn him as cowardly. If such were the case, all wild ami-

mels could be classed as such.

Coupur, pancher, estamount or just plans iron, old Felis, for poor unadificated cuasedness is equaled by few. Trust he is a kelller, many times taking advantage of domestic animals, but unless there is a tremendous accordy of wild game, the rancher has fittle to fear from the coupur. Generally, where the coupur is download, to jo his their form

of food, the deer family.

The couper's berne is the wild, broken Rocky Mountain ragions of the United States and Mexico, from the southern top of South America to Bertish Columbia. Some may also be found in Floodia and the great swamplands of Georgia's dirashed Okefenokee. East of the Mussissippe a cattered number may be found in Northern New York.

New England, and Eastern Canada.

Public conception regarding the size of the mountain lion is, to say the least, overwhelming. The cat will reach a tenmendous sine, but few rairly exceed the 12p pound mark and an overall length of 8 feet. The long, blacktinged tail usually accounts for nearly half the length, resulting in a turn-away imagination for the swringe reader.

sciting in a run-away imagination for the average reader. These measurements pertain only to the normal run of cuts. Certain individuals may helt considerably more, some as much as 200 pounds. One Artrena specimen weak to a

record breaking 276 pounds!

The cougar kills with great settisty. Silently and swiftly he moves through the forest, over the crisp leaves with
not the faintest sound From a crosch he surges forward
with an unrestrand bust of speed. The pery a slow,
comparatively speaking, and falls before the vicious onshught. Silshing claves like a solden fish of lubrining.

rake viciously for nose and neck.

It is rare indeed that the cougar kills for enjoyment.

There are instances when underduals will take advantage

Continued on page 37

A Lunge for a Musky

By TIM C. CHAPRALIS

The nu, banky pething over the contour of points found flow due stearing by fealing the cance web underwhere and fabing tackin and demping on the order more. But stands at a silver part to specared to the contract of the c

thing to reduce the devolgation of poetagling. Thanks to the manatureshilling of our cance, the two poetages necessary between Kishkutana and Marl Lakes were castly made. The next prese of worter after Marl Lake was a channel that looked very tempting, toll boll roubin-lined is about, suchers of illy pole dooes the thannel, weeds tockled the water's surface, and sem-vulneraged age; could be seen here and there, older succession of the produce of the control of the c

mous fishing potentialities, and when one feeg never made it back to sheen we were commoned. The splash was a big one, the fish had not come out of the water but merely rolled on the surface. The big broad tail, the outvisible part of the fish, denoted that it was a musicie and

visible part of the fish, denoted that it was a musice and possibly a good one. "Say, let's fish here for a while?" I suggested. Several bass made their appearance and the activity was

too much for us. Bob stopped the motor, and soon we began astembling our fly reds.
"But only for a while — then we better get going," Bob was always the more practical one.
It wasn't leng before we were false casting, and it wasn't much later when I recrived the first strike. It was

a bass — two pounds or so — but the invigerating cold waters of Oztano cussed the fish to fight hard. This one knew all the tricks of the game, when to pump, when to run, when to puse said when to twist — but the hook was well set. "Get that surdine out of the water, and let me play a

was well set. "Get that surdine out of the water, and let me play a real fish," Bob teased. Sure enough, his fly rod arched and strained in vibrating motions A big smile formed on Beb's face, he had a nice fish on and knew it. Soon it was flopping on the cance's bottom. We moved on and before I could make a dozen casts Bob was on to another fish. This one jumped twice, and what he lacked in weight he made up with sethusiasm. "I think I'll take pictures; the bass are really hitting." I reached for my carriers and after determining the right filter and exposure I was ready for action.

And the fish really co-operated. Practically at every pool, hole, or turn of the stream we were able to land at least one fish. Then the activity in that area would cease, possibly because of the disturbance created, but we didn't mind. We needed only to move to another pool or stretch, and this stream seemed to be filled with an endless amount of "fishs-looking" waters, and its opportuni ties seemed almost unlimited - truly an angler's paradise. We crossed Wigwam Lake and came to another waterway. Onietly we puddled into the stream and placed the came benedule to the file pads. Bob extended his fir-line back and footh until he had stripped appoorb line. Finally he allowed the line to unfold on the surface, and the streamer landed with a spot. Bob allowed the fly to remain metionless for a few seconds, and then switched the red tip slowly so that the streamer would sink, leavine a slight discole marking its submergoage. He then be-

The winner, Esh Feldtreon; the loser, a 21/2-pound smallreach which related a Michael Flag for a release.



can extracting the bug streamer in short stramodic serks Don't tell me we're not going to get a strike here!" I said somewhat disappointedly. "Look at all the weeds. pads and cover . . and deep water too. What else can

they ask for " photographer's intuition - I snapped the shutter. It wasn't the saws of a bass that grabbed the streamer,

for these had teeth. Nor was at the stocky, short body of a bass that catapulted out of the water. It was a long, thus, striped body - unmestakedly a musine, the turer,

'It's a muskee! A muskee?' Bob creed out. The striking of the fish, the spapping of the shutter, the setting of the book and Bob's on occurred practically appultaneous be only the eliabitus period of time ecounted these actions. Bob had always said that one of his piscatorial deures is to subdue a legal muskie with a light bass fly rod, and now he was petting his first chance. But for some yeason the fish did not fight, it swam to

And then we got our answer. The water erupted in a thousand drops, as vice-like saws grabbed the amitative morsel and surged akyward. Automatically - almost

After all, he was the tough any of the waters, wasn't he? 'Wonder why he doesn't fight? Wonder why he sust Suddenly, its huge tail angely slashed the surface, and the striped shape torpedoed under. The surface erupted again as the muskie exected from his medium. Up he came, gills flashing with brilliant red, head threshing from side to side in resentment. Then he landed with a mighty solub. The neak of this sump had been recorded on film

Or, at least I had hoped it was The reel screeched furnously as the red strained ats maximum. Bob's thumb and finger must have burned as he braked the line melting off the reel. If Bob could only keep the musicle away from the pads, if only the awlon leader would hold, if only the hook had penetrated the bony palate, if . too many ifs. The odds seemed heavily

stucked assumed Bob. But then Bob has that know how associeted with years of the red fishing The fish changed its mind and decaded on a showdown. He whided and came to us with amazing speed. With much defeness. Bob stripped in line almost as fast as the fish came in, for allowing a muskie even the smallest

Continued on page 24 the canoe in a most casual manner - and just stated.





By ANTHONY WAYNE

When a new family moves auto our town there is always a great deal of speculation among the resident females as to the acceptability of the new housewife. These speculations are helped along by a little judicious cuttam nearons and offers of soun. Most busheads are used to this and tend to treat their mine's ourselfur as a tenical feminine weakness. However, it is curious to note the incrossed number of male redestrians who find their feet carrying them past the house where the moving van is drawn up for unloading. I am beginning to think that some of the fellows who lough the loudest at their wives are more curious than they are. I would not have been passing the old Gould place one morning late last summer except that I remembered

that I had say tip-ups of Bill Slack's which I hadn't gotten around to returning since the winter before I mention this just to show that I had a legitimate reason for besugthere when the monion was nutled up followed by the new families car

The car stopped and a little boy and girl burst out and ran up the front walk. Their mother followed at a slow er pace. Finally the head of the family eased out. He was a tall, well constructed fellow of about 32, wearing faded khaki trousers and a tre shirt. It was the dog that followed him, though, which took all my attention. It was the first time I had ever seen a doc like this one. She was a big gey, shorthaired dog with flowing muscles and a very alert expression. Her eyes took me by surprise because they were a seet of amber. Then I remembered seeing an article in a magazine about a new German dog called the Weimanner. This was in 1950 and not too many people

had head of the dog.

I watched this dog follow the man down the patch and ston the house before I see off for Bill's place. When I serred, he was in the gange working on his orderatements. It told him about the new family and the new dog, we immediately set about figures; a very to get this dog out in the fields when we could watch her performance. As it happened, we got our choice much quicker than

est in the fields where we could worth her performance. As it happened, we get our clanner much quieffer that we expected. A few weeks later on a cool shruday means and white Peninter. We were just intering to cross a open field meet the read when a car guided up and our orw nrighbor, Jeff Wilcox, introduced humstl. He wanted to know if it would be all right to eran hat dog in these fields.

"Sure thing," I said, "let her run along with Rocky here. We'll be glad to have you." So Bill and I got a preview of the Weimaraner in artism.

Jeff geored to be a plassast fellow with field coastray and a likeable disposition. He had been in the Army in Germany where he had seen the Weimzarner in the field. He had been very impressed with the dog's performance and reade up his mind to include one in his post-war planing. Now he had Gery, Ledy and frow all he war, quite pleased with her. We had spears got deal of time had been assessed to the control of the control of the later with other househs.

As we neaded back to the corn I sighted Colored Rocking was his lang sure, lower The Colored that a little property of the control of the colored that a little from the Amery has a sized and trained his own Ragishing Sector They are baseded, will trained does Rock, the Sector They are baseded, will trained does Rock, the sized that the sized of the control of the colored that the sized colored that the sized of the colored that the sized colored that the sized of the colored that the sized colored that the sized colored that the War II back one. He control to become even loss apgree of the colored that the sized colored that the si

niting dogs.

He and I have a "nobding and grunting" acquaintance.

He modded and I grunted when we came up to him. Then

I introduced Jefl Wilcox. More grunts and nob!

The Colonel looked at Rocks and saked me. "Does

I told him that the dog didn't He still temembered one time when Rocky was out for his first season and had pouted where birds had been. He want't het type to let me forget it either. His next remark was addenued to me. "What kind of an animal is that?" he asked, nodding at the Weignataner.

that dog still false point?"

I could see Jeff stiffen, not at their words, but at their tone. The Colorel stood there raising one eyebow and looking from Grey Ludy to his Beglish Setter, Beser. Everyone admits that his dogs are fine animals, but the Colorel's attitude about them makes most of us wish they would be taken down a peg or two.

I told him that Grey Lidy was a Weimanzene, which probably knew already. He was usually right up to date on anything new in the field. Jeff, attempting to be pleasant, explained that they were a new breed here in the States but that they had been breed in Germany for about 140 years. They were developed by the nobles of the court of Weiman and ever since had been rigidly control-

court of Weimar and ever since had been rigidly controlled by the aristocracy.

Colonel Brickley continued to look at the dog with un-

concated costemps.

"I have some a bet of these 'flash in the pan' beeeds come over and die out. A dog like this just can't hope to compete with loog that have been developed for some for our type of hanting. Take Bruce here for instance for our type of hanting. Take Bruce here for instance like the interest dog in the country. What could a dog like this grey one do if she had to compete with him? I left morted audithy and the older man torned until!!

on him.
"Don't you believe that Bruce is the best dog in the country."
leff looked coolly at the annexed Colonel and said. "It

might have been true before Gery Ludy moved here but now he'll have to settle for second best." When I beard this claim of Jeff's, I figured he had stack his neck way out. The performance I had seen Gery

Ludy give that morning wouldn't have led me to make any such claim.

The Colonel was furning for it had been a long time since sayone had brushed him off so thoroughly. It did

since anyone had brushed him off to thoroughly. It did me good to see at, though, because the old villain had stepped on my coent often enough. The result of the discussion was that the Colonel chal-

lenged Jeff to ear Grey Lady against the English Setter, Bruse. The context was to take place the first Sarsess after the grouse sesson spenced. Three field trial judges were to be picked and the owners were to handle their own dogs. The trial was to last two full hours. During the next few weeks the news of the trial as it

was called caused more excitement in the country than anything that had happened in a long white. People begin to take soles although it cross be admitted that those in the Weimaraner camp were there because they resented the Colonel's attitude.

When the judges were picked, I brought a list to jeff

for his choice. He wan't familiar with the names and asked many questions about the room. He family approved a half dozen and I noticed that each of these was a man who insisted that a dog find game and week thoroughly. He didn't approve may of the judges who were most interested in a dog that headed for the horizon on the first cost.



THE CREAT NORTHERN PIKE . . .

(Esox lucius) By LEON PRAY

This fish is the true pick, often called white-operate picker! I know as inhibylogue who tried to change this by introducing a plain-colored type of muskellungs under the name of "Great Northern Pick." The relations was that fishermen fell upon this person from all directions and raused particular hole because he had attraction and raused particular hole because he had attracted to puggle their known and popular nomentalistate to such his own which

This white-spotted great northern pike is apparently the identical fish that inhabits fresh water lakes and streams all over Europe and Asia as well as here. At least no success has convened any attempt to find a line of demarcation between them.

least no success has reowned any attempt to had a line of demacration between them.

This is a fish that lives in our northern waters from the Ohio River region to as far norther has fresh water is found Unless it has been transplanted there it does not love as the Pagific watershed with the exception of

Alaska. In Canada si grews to a large siar, but it is said to reach even larger proportions in its Old World habitat. Forty pounds or more have been allufed in America for at 1 personally have had several very large promons brought to me for anounting. One 1 recall in particular wars of forty feet pounds weight. However it is not recorded of any sub-weights are foundation, One of the Order of

of angles, though some "picky" people stick up their mount at ever exting its fieth. These christices call it a "marke," and after enjoying cotching it on every kind of basic plug or skinner, and being thrilled by its lighting sport when booked, cast it sade as not worth their notice on the table. But a large number of non-figurety people resister

that the fishy when ment of this pake is ruly's delicacy, it does have small boots in the muscles of the due, per side, but they are forked in shape and very easily plauke ed out so esting proceeds. The ment of the head shoulders is the primest ever for making, fish chowders, Yes, yes, I know You probably throw that part and yes that I don't Nether do. I throw sway the liver, It is a gastroomy. Adolph on the denote plate

Often I used to be asked to reture the meat of kip northern pike to the owners when I perpared their fish for meaning So I did But I shared a nice layer of the meat off with the skin, then carefully scraped it off the skin and, combined with the head meat, it made a grand and satisfying kettle of gelatinous chowder that I still foodly recall

European fishermen do not despise the pike. On the contrary, at is highly externed there as a table delicacy. From all of our pike that I have tested, I share the Europeans' favorable opinion.

As to game qualities, a good stand pake which is booked on any sportsmanlike kind of tackle that gives

the fish a fighting chance, will hand the angler all be wants to take care of at once. But when sungged on one of those quadruple gang triplehook plugs, naturally the poor vectim may be expected to give up and "come along yast like a log," as I have heard related by some "ports" who imagine they are fishermen.

All but one of the world's seven species of the genus Esox are found only in North America. Esox lucius is the single species that is of cosmopolitan distribution, unless perchance some of the others have been trans-

planted into foreign waters.

—It is very doubtful if the northern pike's bantam sized elastive, the grass pike would ever be intentionally transplanted to any place outside its natural range, as this teo-inch pide has been found to be a plague on the

young of dearable game fab.

All the poke family are highly voracious. A northern pike of twenty pounds weight must ruly be the must family as the pound of growth of grantler fabres.

When resting, the northern pike likes to lotter just under the surface of the water, with the top of his long face horizontal and so close to the top film that he can have a wide view though the murror-like filmer. Vision outside the water is broadened by close presuming to at surface from understark, and it is progressively restanced as the tisk settler deeper away (from the surface, the many that the settler deeper away (from the surface, the many that the settler deeper away (from the surface, the many that the settler deeper away (from the surface, the many that the surface and the surface and the surface, the many have the opportunity to street some unwavey small hard that a bare valvelley, for sistance.

Anything alive that happens along will be welcome to this rapacous fish A swimming mouse, a small music rat, a lettle turtle, any kind of insert, any kind of fish — even a northern pike smiller this himself will suffice

for a meal.

As to enemies, the pike fears nothing so much as a bag, tough black bass. The pike will go out of his way to avoid having his belly ripped up by the stiff, saw hike dorsal fin of a trouble-basting bass. When biss fight each other, they use there doesn! fin spines with devastating effect, and when a bass takes a pick on a

northern pike, the pike is hedy if he escapes alive. A ferrid of mine saw such a remipus heaven has and pike on the surface of a small like years ago, and after waithing while the dagger-loothed pike used every react to escape from its entirely, he at last picked up the tota and exhausted pike, as the troubtert old bass withdrew to its last as as bed of water weeds.



Why Handicap Target Practice?

Not lone are I was invited by a sportsmen's club in my home town to make an address on shooting safety to a group of young sportsmen who were bring trained in target shooting. What these boys had learned about shooting consisted entirely of the basic fundamentals of sighting constance holdone and sourceion and the usual soution of gun-safety practices. It was all good and very essential to the novice. In fact, after watching their mannavers and various shooting positions, I told the matructor frankly that there remajord little that I could tell the boys that would benefit them in their target practices. Whereupon the man informed me that despite the fact that the how were well trained in the fundamentals of gun-handling and target shooting, he realized that as sportsmen they would on un against a different shooting proposition in the game fields and would appreciate my giving them

age gime shooting conditions. They were shooting at the conventional lastch bull's eye targets at 92 period. This would mean two musticof-angle fining at one houstend years and their's good shooting in any man's citegery. Of course, about the only soring was done from the various nest and semi-rest positions. When I teld them to subdistrict 12th targets for their game shooting work, they all looked at me as arranteement.

some pointers alone the lines of aver-

me in amazement.

Naturally when a man has acquired
the ability to score a two-ministe ofangle shot from a prone shooting position and then is told to increase has

target twelve times in size, he will think the instructor has had a drink too many. But I sat down and recounted to them some facts in relation to handican shooting that is very essential to

g the game shooter, an Gong back several years, I recountded how my yeangest son took has first toled how my yeangest son took has first tolestons in shooting, and how thooling, and took thooling, and took thooling, and the shooting to the same years, and the shoot from proper shooting stance, I should be shooting to the shoot of the shoot o



e if you want to see o to, and you'll have to you went a shot of him.

ment was, "What are these, 1,000 yard

"No." I told him. "They are twentyfive yard targets, and you're geting to do some very ranged practice before you learn to hit them consecutively." Naturally the boy laughed. We were out in came on the range,

and I set these targets up at intervals among native shrubbery so they would become visible to a man traveling a certain trail from different angles to the trail approximately 25 yards away. I then told the boy to take his rifle, run for two hundred yards with it, to simulate the condition his nerves and beesthing would be in after having climbed a mountain on a deer hunt. then to start walking along this trail at the end of his run, and as each of these targets became visible to him to which facing it, when up his gun and fire, to semember they are deer (hypothetically) and see boowsing in the shouldham. The black one foot target in center of the board represents the heartlung area that he is shooting at, but will be visible for only an instant. after which the deer will leap (hypothetically) into cover. He must shoot

quick, no time for excherking his

sights after the gun reaches his shoulder. This is snap-shooting Out of these targets thus shot at there was one builtet in the edge of the black, and the other two barely connected with the board. To learn snap-shootine with a rifle. I had the boy set up a large target at very close range and dryfor at it with an empty min until he learned to point the gun scrutatels each time it was mounted to his shouldet. The gun came up with hammer back (safety off, if bolt action type) and if sights were on center of target at first mount, to fire! Otherwise, to lower hammer and gun and remount the gun cocking the piece as it came we. If any one thinks this isn't gruelline work just try it It took many a mount of that rife to bring him to the place where he could point acruestely on his target with each mount. Please comember that I realize

there is no such thing as perfection in shooting. That is something all gun-bugs are working for, but never quite attain. However, it is possible



elden ecole on the wing wit es mere then conventional

to do sufficient handicap shooting to average a good percentage of direct hits from positions that seem impos-

When the boy had done sufficient dry-firing to enable him to get about three shots in the bull's eye out of five fired, we started on various angle chors that is, we angled his targets off from every point of the compass and caused him to run, dodge, jump, wheel and stamble into all manner of positions while obtaining these varied shors. The results were amazing to him, and thus sufficiently interesting to keep him working at it I believe today he is about as good at snap shooting game as any man I've ever hunted with Dodging around through such

shrubbery as we have here in the southwest. I hid these large targets in various positions so he would come upon them from different angles as he walked, and still be within close shooting range of each target when first sighted His instructions were to shoot from the right shoulder position if the target appeared on his left, and from the left shoulder if it appeared on his right. But in any event, to grasp the idea that his hypothetical deer was alerted and would bound away into cover quickly. He must mount his rifle with a swift movement and fire in that one conunuous movement. No time for checking and rechecking his aim But some man will ask, "Would

you advise shooting in such haphazard manner as that at a real deer?" Answer, "No," That is why we advocate snap shooting practice at harmless improvised targets that will reveal our errors until we have corrected them. To so into our same fields armed only with the known ability to make slow deliberate shots is what's damaging our game herds now. The night kind of handicap shooting, worked at conscientously, will not only teach a man what he can't do, but will improve his chapter for a clean kill in a manner that he otherwise would deem impossible.

To attain the nimest benefit from this type of shooting, I advised the group of boys to remove the disc from their peep sights and just look through the open frame of the peop. This seemed so radical as to create a lot of argument among them. How-

ever it is impossible to get down on a target muck with the small need aperture that is recommended for finest target shooting. And amaxing as it may seem, once one acquires the knack of anap shooting with open peep sight, he will find himself still able to do as fine target shooting without the small disc as he could with it. In this respect, a lot of conventional stuff is still catered to in the thooting world that should have been ditched many years ago.

Personally I discontinued the pertisight altogether long ago. I either want a good low-power scope or open sights, preferably open. I've had many a man look at my gan sights and wonder how I ever hit anything with them at more than thirty feet My front sight is an eighth of an inch broad across its square face. My rear sight is wide enough to allow for

three front sights to fill up its picture. Yet, the whole works is leveled off at ton, sides and bottom. I shoot over my front sight and not around it. Even with this quick combination, I very often fail to make a direct hit in snap shooting. However, I happen to know that I am shooting much closer and a lot faster, than would be possible with any other sighting com-

During the spring and summer months of the year, while the wildlife of our woods and dales are reproducing their kind, there is very little opportunity for the average sportsman to obtain shots at living targets. But this should not mean that he stack his gen in the cabinet and discontinue his shooting altogether. The more good handicap target practice you can get now, the better you will be prepared for that big game hunt this fall.

Solingen Steel HUNTING KNIFE



IDECT FROM WES

THE BOOK OF The Beaver



The heaver has love bold the popular interest of the general public and here is their complete their history, hubits and how to raise them. When Morth America was first where alignature and fermitted both fired and eletting to the one and the early settlers. olditon, heaver formed the first curpo of trade in their pelis Bexwee still furnish milesty superb covering. Pulls In years have herealt as high or

Beaver are not burd to seize, and an ing book as 1924 the experiments in reighty them both pees and on large acrespee under natural conditions. These methods, and others in common usage today, are gaves. One ranches in western Congola, who regular commercial ply feed

Here are the main headings. in this important books ten and Haters and Days Building Agrampte in Reaver Pateing

er in Regions on and Braver insid Conservation Atlengts Beauge under Bennergesten Labelte's Reaver Reach

Price \$2.00 martered American Woodsman Book Department Ft. London, Penns

NEW RIFLE BARREL DEVELOP-

Having used Marlin's Ballard Type Ruffing in "Over-the-Counter" model refles for many years, and thus exploding the old theory that Ballard Buffore won't stand up. I am not a bet amazed at the news that Marko has come out with a new type of rifling called "Micro-Groove" that seems to be designed to pretty well take the field in supreme accuracy

and long life in both target and hunting type refling The only gen they are submitting for the public's examination in this Micro-Groove rifling so far, is their model 89C, 22 caliber semi-automatic With 16 lands and grooves of very shallow death this new ride barrel has showed the value of its tree in repeated shooting tests. Naturally beour monities have revealed that they have tested this same Micro-Groove, designed for 50-30 caliber. Through test firing at high rate of speed, one of their test gazs revealed no wear or loss of accuracy after 1000 rounds had been out through it at speed just slow enough to prevent melting the steel. It is the belief of their technicians that this Micro-Groove in any calibre will last several life times and

much as 20th So despite the fact not too much on this new Micro Groove rifling outside of their one small bore gan that they have made the barrel contribu-

Onestions and Answers

by Walter Rodgers

O. I. how on Others Model 37 this gan On a previous Ithaca the Poly-Choke seemed to make it slightly barrel-heavy. Also the over-all length of the gan is a bit on the awkward side when fitted with a recoil eliminator. The Cutts Comp changes length and balance when changing tubes. I like the Power-Pac real well, but have been wondening if I couldn't get mood results with the Shooting-Master "Champion" and do away with the tubes. Any information you may be able to give me along this line will be appreciated - P. V. Beatrice.

A Your Ithaca Featherfight model 37 is a sweet little number. However, we always find that sacrificing gunweight calls for recoil control; recoil control (so far) means muzzle de vices, murale devices means change of balance, and (to me) a very radical difference in the handling nessbilities of the run Your Shooting-Master "Champion" truly handles both recoil-reduction and choke However, it is somewhat longer than the Cobra, due to the space allowed for the recoil-reduction slots. Personally. I would prefer to use a slightly heavier gun to take care of necessary) for shot patterning. How ever these things are personal and it s hard as beck to advise the other fellow. In smatalling any type of muzzle device, it is always best to take oil an cowal length of the muzzle first to compresse for the difference in

A Lunge for a Musky

amount of slack results in disaster. The stem. The musice surfaced and remained there. He created more fass and

"Give him line! What's the matter with you? Give him line!" I pleaded And then I saw why he couldn't. It was impossible. The surplus line, which had been stripped in on the canoe's first rod guide. Bob's fingers ouickly fumbled with the knot, but realizance the impossibility he pave up. All he could do was lean over so the rod wouldn't break

"What a shot this will reake?" I leaned over to get the fish and Bob in the picture - and it happened! Everything was dark, I felt cold and

wet. I could hear echoes and felt a persone Immediately several buckets of water rushed use my hip-boots I was wearing for poetages, and my poplin jacket absorbed water like a spence. I touched bottom for an instant, an occy bottom at was, and then I automatically bebbed to the surface. I wiped the water from my eyes and

started cussing I saw the overturned canne floating away. About ten feet from the craft Bob came up and began swimming for it. He too was cussing I shought of the film as my camera I tried holding it up with my left hand, but after a few unsuccessful strokes with one arm I gave up the idea.

Water-filled boots plus a saturated sucket are unlead a handican to the heat spanomer let alone myself Although Bob warn't wearing him because of the restrictive properties of clothes, but finally caught up with it.

He advanced the canoe a considerable distance towards me, and soon safety was an arm's dutance away I lunged I was immensely relieved that We both clung to the camps for a

free arm as a paddle we were able to bring the caroe ashore and finally

'Surely you don't expect that moore to start after that dunlong, do you?" I

Perry! Perr! What a dead sound It was useless. Bob turned away from the motor, wined his brow, and pecked up a raddle "I suess we'll have to paddle - and maybe try her later on We notified down the channel and

made the remaining portages. After that, we were practically exhausted yet we still had ten miles to go Let me try that blasted motor again. I think she's dramed of all the water."

"A wonderful idea," I said this not because I expected at to start, but because we could not a few minutes

Perry Still the same empty sound. Maybe water out anto the gas tank -

think I'll change gas." last as he finished pouring in the new gas, a huge bull moose, which was mouthing lify speouts, rose from his armo-submerged position about 70 feet away from us. The lordly moose remained possed, so majestic like, almost

petrified. What a pacture he'd make, and there I was with a damaged The moose turned around, pledded through the waters, then he went up

the bank and ambled through a faint trail into the woods "We'll never make it puddling." I said "Try that motor seam"

Bob placed his hand on the starting cond. We both beleed up for a few seconds and then I held my breath as Bob pulled the cord

Still the same - or was it. I thought I heard it cough and then I was sure it turned over. By rosh, we were movone. The motor had started Surely, it never should have, it was under water for a long time. Perhaps it was the new gas, but I'm sure we had an assess from dryne powers I turned around and winked at Bob. he marely enjeted

We reached Big Pine Lake in no turns, and then sped across Our Bay and into Crooked Pine Lake As we pulled around the dock we could distonguish Bergstrom's Camp at Nestor Falls. The sackt of the camp albonetied sound the present-colored sky was 600 beautiful to describe. The slowly ruster suffs of smoke surposted that Mrs. Berestson had something warm on the

After some delicious home-made cooking and a change of clothes we related our adventure more than a few times to the Bergstroms, guides, and the many visitors who had collected at the camp. That night we return to comfortable heds which Gust Bernstrom made avulable "Say Bob. I think we can not some

conduct on first over at larksufe Bott. He never answered. He was asleep Anyway, I think we had enough fly fishing for muskies for a long time.





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orne Walter's breek. I free alone practical Walter claims to be bank that you don't with a real pattern can have "core fort" if able and you can are performance from

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Earle Southey Gurdner, creams of Perry Mirece, went evernound in maning surgers

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By Highway to Alaska By EDNEY C. HENRY

About this time of year thousands of people in the states are considerenthusiastic, vowing to return as soon ing a trip to Alaska by way of the Alaskan Highway, Many have been saving for years to make the trip this summer as those who dream of Alaska have done for the past several vears.

Last year, if seven more cars had made the trip, the grand total would have been exactly thirteen thousand vehicles that entered Alaska by way of the Tok Junction checking station. These vehicles carned \$1.645 passengers, most of whom were tourists, but many more hardy souls coming to secuts a foothold on America's Last

Many of these tourists went home as possible Others returned distillusioned, having expected something far different than they found because of lack of knowledge or because the source of their knowledge was inaccurate. My aim in writing this column is to set forth conditions as they actually are

To beam with, few stateade visitors realize the tremendous size of the territory. For instance, if a map of Alaska was superimposed on a map of the United States drawn to the same scale, the tip of the Alcutian Pennsula would touch the Pacific Ocean in the vicinity of Los Appeles

while the south-eastern tip of Alaska would reach the Atlantic in the state of South Carolina. The southern bulk of Alaska would rest on the northern edge of Texas, and the coast outline would statch in a rugged line northward to break across the Canadian border in the Great Lakes region. lust as in the states, a great varia-

tion in climate and temperature will be encountered in such a vast area. The southeastern area is the mild, coastal region, with an abundant rainfall, while the inland area in the Fairbanks region is much dryer, and has a preat range between extreme high and low temperatures. In the winter it may be sixty below zero at times, while dunne the summer the temperature may climb to a hundred in the shade.

In the Anchorage area, which, by the way, has pearly one third of the population of Alaska, the temperature compromises between the regions just mentioned. It soldom gets to forty below on the coldest winter days and the high for summer is in the high eighties. During the summer people swim in the many lakes; durne the winter wool underwest and for narkas are in order. Most tourists come to Alaska der-

ing July. Last year five and a half

thousand people chose that month for the trip, so have no fear of being slove on the road. Even during December, when travel is lightest, there will be nearly three hundred hundred vehicles headed for Alaska. May, June and July are the months of long days in the territory. The visitor will never cease to marvel at this phenomenon of daylight when it should be dark. At the extreme, the sun comes up about two-thirty in the morning, and hangs around until tenthirty at night. At this time of the year it is never entirely dark, for even after the sun sets, it larks just beneath the circle of the horizon, and the light is comparable to that in the

states twenty minutes before the sun appears in the morning The moon is another source of wonder, for it seems to wander aimleady about the sky, although the close observer knows at follows a



a Alaskan Highway is traveled every month of the year, so you need not feet being oil elene in meking your trip.

traveler and. "I don't think it set at the photographer, and you will want to Provinces in order to take full advanall donne the week I was there, but second your trip to re-live at your leis-I had to sleep a little, so I may have ure missed at Because of the long hours of nun-

light in summer, the moon is most in evidence during the winter months. The waster maryels at a brilliant willow moon in a deep blue sky. This may happen in other places, but I have seen it only in Alaska. The person who travels the Alaska

Highway should make his plans well in advance. If at all possible secure a copy of "The Milepost," a detailed highway suide siving distance between points, accompositions and a list of services offered at each stop. The cost of the guide is small, and it

will pay for itself a dozen times over. In my estimation tires are of supreme importance, and should head your list of preparations. Woe unto the motorist who doesn't heed this admonition! I've known a few tourists who made the trip without a flat, but I know roany more who can testify on the other side. The road is GRAVEL don't forget it. The very hest times you can buy will be the best investment you can make, but even with the best tires be proposed for flat tires Corry at least two spaces. (upless you are loaded with cash to bur them along the way at high prices). and have the proper tools.

I'll stick my neck out to say I don't consider any bumper jack I ever saw as a "proper" tool, especially for the Alaska hushway. It has been my sad experience that most of them are not worth walking across the road to borrow. The most practical tack is the chain and screw jack that lifts both the car body and the axle, and it doesn't require crawling under the car to use. It won't slip nor allow the car to roll If you come to Alaska during the summer you will encounter mosquitoes. That's a guarantee. They are ever-

persent, observious pests, but not as vocacious as these cousins in the states. Fortunately, a good insect repellent will discourage them as a way that is cuite beartonine The camera fan will be in his ele-

ment in Alaska, everything from old

definite pattern. As one amazed cabins to malestic Mt. McKinley await term licenses offered by the Canadian

Be sure to allow plenty of time for your traveling in order that you rosy feel free to stop and soap pictures. sample the fine angline, or just admire the scenery. Most people fail to take the time to stop for a picture, expecting to "get one later," and finally go

home with only a token memento of by, and in three casts I landed three 14the trip of a lifetime. inch grayling. They made my mouth Fishing along the highway is good, water, but we had no way to keen them

tage of it. For instance, we stopped one time at the excellent government tourist camp at Mendenhall River, and while row wife warmed up our lunch I strolled down the well-beaten path to the stream, I noticed fish rising, and hurried to set my rod. Not knowing what they were sistne to. I tried the old Brown Hackle stand-

so I returned them to the water. and it will pay you to buy the shoet-

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Hutting and fishing is good in Alasks, but it is necessary to get back from the main travel lanes. If you are a fisheeman or hunter, it will pay you to progress enough cash to him a plane to fly you sate any of the multitude of lakes that are literally overstocked with fish. Bear hunting ranks with the best

in the world. If you will prepare for your trip carefully, take plenty of time to visit places of interest, and not form any opinions until you see it for yourself, your trip to Alaska will be a success. Alaska, truly America's last fron-

tier, as a land of enchanting extremes. A land of eskimos and television. ferocious wolverines and beautiful Northern lights, droning mosquitoes and breath-taking glaciers. It is a land that must be seen to be appreciated. And when you get here, stop in at Wasilla and say hello.

Private Lives of the Albinos From page 11

Actually, there is an arrest in the development of the payment layers in the embryo, past as these may in some instances be an arrest in the growth of hair stself. Assmals normally born with hair are in unusual cases born hairless. chicks may hatch out and have white

or pink legs instead of yellow ones; indeed, the uncompromising and oftentimes cruel quirks of Nature almost relegates the albino to a comparative position of unimportance in the mase of physical inequalities that attach themselves literally to every form of

56. Carriers of the transmissible albinic factors need not be albinos, or even part albono in the most minute visible degree. If the ingredients which make up the power to transmit normal risuses are entirely absent from the constitution of the individual, total or partial albinom in offentine can be counted on throughout the individual's life man Paradoxically, a true albino may not always carry the albinic factors, but his offspring, normal in appearance, may carry the taint through to succeeding expensions so that in a third or fourth generation an alliano may appear in full-bloom completeness. However, the mating of one true albino to another almost always results in albunic offapring - obviously because the odds weigh so heavily in favor of one or the other being a positive depository for the genes which cause the albinic muta-

Summarizing the genetic aspect of albuniant, the whole thing adds up to a fairly consistent course of beredstars

apply in breeding. However, these hold true only when known backgrounds are introduced in experimental matings on a carefully planned and pre-observed basis. Otherwise, there is a disturbang loss of nurpose in the study of street tural coloration. (In one test, an albino was back-crossed with a parent animal and all offspeine were exactly one quarter albino. This rule doubtless would

hold true in most instances). In the world of birds, partial albin ism occurs with rather startling regularsty when a male bud having normal plumage is mated with an albino female. In the case of appal, one natural ist noted that all checks resulting from such a mating were mottled, or part albien, but when the chicks reached materity, only a few retained any of their white feathers, and the eyes were not penk. It is, however, a safe wager to assert that nearly all of the chicks were carriers of the albinic genes, with the possibility of partial or full albinos cropping up in the offspring of most of the fourteen products of the cross-

The females amone both birds and mammals are said to almost unvariably welcome the presence of one or more young tained by alberism. While the contrasting color may stand out like a som thumb, the mother seems to underdeficiencies, with certain ratio roles that stand the fact that the little creature belongs to her, and that he is not an alten bearing the stigma of laving crept in from a puzzling outer world of

freaks and physiological outcasts. It would be risky to say that there ace certain mammals and birds which have never had an albino specimen in the class it would, however, be safe to say that no albinos have ever been observed first-hand among a given species We do know that the deer, been, seal skunk, squirrel, porcuping, muskrat best, fox, wessel, opossum, beaver, and many other mammals occasionally must tolorate the entry of a consiste albino in their order. And among hinds the ring-neck pheasant, meadow lark soluncrow, blackbard, English sparrow, nelled grouse, Cooper's hawk, mourning dove, qual, red-tailed hawk, gold-finch, and a few others are among the most frequent types visited by the forces that

Continued on page 30



'Don't be ally . . . it's strictly a business trip



The Red Squirrel

By E. I. SAWYER

Here is a furbearer that has already made has own introduction if you are one who can justify claim woods experience anywhere in the pite and appear from them Nova Scottas to Alaiska, from Marie to California. That all the control of the pite of the control of

or carelessly placed food, and from a safe perch, awar ast you as only he can in lieu of grace for the welcome godsend. So much for a fast glimpse of this species — especially Scianza candrates, of our Northeastern states and

could hardly be and of any other no. Canoda. there manual. For, wound, deer and IE-ern obser from or geographical rubbit type to except notice and my sucversal for the second or the second of the properties of the common Red Squared they are fully numerous, even the other With two or them of the more they are fully numerous, even the other with two or the second or the second of the common temperature and I food them the Christene, as Red in sides known much ablas in behavior, as well as the a quest get to curt attention and withfurnity number in speciance to be

family that equals hadsonicus for volume, variety and carrying power of vocal expression. One at least, the Douglas squired of the far West is, in my experience, silent to the point of being dumb by contrast with his East-

So we may well take the common Red of our Northeastern woods for further discussion. The Reds are the smallest of all our true sourcels. The latter do not include the various chapmenks and so-called ground-squirrels All the true squirrels are bushy-tailed tree climbers and, beside most of them, the little Reds would appear as dwarfs As already indicated, what the chickarre lacks in size he makes up for in your. His prevailing color is an playe beownish above in summer, more reddish on legs, feet, tail and cars, white about the muzzle and eyes and on all the underparts. A broad black stripe along the sides separates the dark upper parts from the white below. In winter the black side stripe is missing Male and female are alike in color and markens. The plame-like, bushy tail is a conspicuous feature, adding not only beauty and grace to the animal's ap-



and constant bulince in the equired; remaining and lengthing and in somewhat of a panedure on econisies, curled over the book—a characteristic position—it forms a windbreak, sunchly jested and reddered, if gives emphasis to the language in which Red worch has low openion of intraders. In fact, the importance of his break is veal, for all in well known that sequired do not in well known that sequired do not in a delicate member appecially subject

is a delicate member especially subject to mury and loss. Of all his accomplishments, and they are many. Red excells as aerialist. From branch to slender, yielding branch he cons or bounds with all the nonchalance of a kitten on a rug. He is, to the wildwood, what the man on the flying trapeze is to "the big top," Once, and only once, as I have previously described in this department. I saw him miss-This is so rare, his confidence so complete, that when you see it happen it appears to be like the purposeful futtble of an expert jurgler adding drams. to his act. To his better known talents we can add that of swimming. Many competent observers, as Seton records in his exhaustive Life Histories have given ample eye-witness testimony on this point. Red is quite capable of

given ample tye-wintess testimatory on this point. Red is quite capable of crossing wide bodies of water. No hibernator, this one. No snow is so deep, no temperature is so low that his tracks may not be seen finicing tree-trunk to tree-trunk His trul is often crossed only by that of the snowshoe rabbet or none whatever. His food for winter - that part of it which consists of nets - is harvested in the fall and buried shallowly in the ground. Mushrooms, seeds, fruits, and available flesh or vegetable go to the make-up of his omnivorous hill of fare. Still, in general, the comes of pine and spruce are his standard diet. It is well known that Red sourcels and Grave will not tolerate each other. It does appear that Reds can and do drive the Grays from one niece of woods which they care to take over. How they do it is still someconnectured and believed, that the Reds emasculate the Grays. Seton (and, I believe, nearly all naturalists) dismiss

serious consideration. Red's next is a softly lined tree-hollow or a deemed affur of sheedded bank. New years and the serious serious serious and the serious serious serious serious serious the serveal young are born in spring, are acree condoors by mid-seriment, fast becoming addistinguishable from their parents. The connounce status of Red is an old point of host departe, their has been branded a bloody and determined orbite of bond in ext., destroy, the last been serious serious serious serious be has been ably defeated by many

who know him well as oute a differ-

the idea as a myth, too ridiculous for

ert chaester. It seems the whole things bold down so individual behavior. Down are supposed to be peace-lowing, however, and the safety depositions. The good dote by Chickare in planning and erfocuting in beproad departs. And, anyway, who that knows the woods would wast so see them lose their "Pack Othe-Pirax," this imposteur Roten Hood of for forest?

Private Lives of the Albinos From page 25

From page 28 inexorably mill the features of albin sen.

sen. Several years ago, I saw a white opossum in a tumbered valley a few miles south of Indian Head, Pa, It was traveling at dask along a small mountain steam and, while more abstoos are supposed to have poor vason, this particular one apparently possessed pretty good eyesight and an unannully active

gift of warness.

A Candius acquaintance once told
me that bid seen several abine portupunes, and quite a number of the quilly
fellows who hore only immed traces
of contact with the mage allique wand.
He said that the true allibin "portion"
seemed rather stuped and nearsighted,
but this may have been meeely the adbetrone to meetal behavior patterns,
for procupines can appear quite dual
and sufficient in a numer: stratly

peculiar to the species. I know of a West Virginian who in the early thirties trapped an albino otter, and was offered a hundred dollars for the skin by a wealthy Pennsylvanian. The tempoer refused the offer. saving he wished to have the fur made up into a necknicce for his wife. He chose a cheap fly-by-night concern and shipped his rare fur to them After three weeks of waiting he tried to contact the firm but his letter was returned, and try as he would he was never able to locate the whereabouts of the "phantom" fur processors. His albino otter skin probably netted them a nice

piece of money.

There is a common belief today that
albino bison are vastly more common
now than they were in the period when



millions of the creatures soumed the plains areas of the U.S.A. If this is true, and it probably is, on a proportionate numbers bass, of course, then the cause must lie in the fact that foundation bends chosen to ensure the anamal from total estinction contained an above-average number of individuals able by their own albanic background to spread the genes responsible for albinum, either total or partial. Some observers say the total albinos in bison heeds give unmistakable evidence of suffering eye discorpfort and severely imited vision. Others, particularly those a quarter to three-quarters albino. usually possess what appears to be normal eyesight and enough coloring of the ans to prevent squinting

Mentioning the eyes of the albino once more makes me think of an albino deer placed inside a wire enclosare in a New York State Park. The creature, wild and terrified, plunged into the wire in repeated frantic attempts to escape. Observers soon were able to acesce that the deer's vision was extremely limited, and it could not see the wice netting until it was almost against it. Finally the animal gave up and timedly sought cover in clumps of

evergreens. There is another facet in the lives of albinos that is worthy of mention here, and that is the handkeap of being hazardously conspicuous during all seasons except winter. Because of this, the best naturalists tell us the albano, in spac of his squinty vision, is gifted with a superb and unnatural power of

instinct that warns of the imminence of danger. Albinos are admittedly the most difficult of all animals to atproach in their wild state. They combune extrasensitive hearing with a betser-than-average sense of smell and end up surviving with cleverly genred habits that comprise a unique mixture of good judgment, warmess, caution, and alectness. His startline whiteness is a source of beterral in two ways: he sees his albino enemics essies, but his enemies of all colors also see him easier So Nature, long ago, had to compensate a but by endowing Mr. Albino with a few functional physical blessings to offset

the infinite creative set-up. While reading this article, you've probably wondered about white mice and rats-are they always true albinos? Actually, they are not. They are bred to produce costs of white, but genetically they do not always turn out to be genuine albinos. Albino mice breed true to type almost always, but many white mice occur which are not albinos, and this also is true of rabbits and other creatures which man strives to develop through selective breeding so

some of the nasty inequalities fashioned

by the frequently faltering devices in

that a natural rument of white will be the unwavering rule. I have already made besef reference to the fact that alkanes are found in all countries and in all climates. The fact that most four-footed wild-folk are nocturnal in their feeding habits readdy explains why albinos that possibly exist aren't more often observed

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Fishing Spinning Reel

By FRANCIS E. STLL

Recently I have been giving a Johnson Spinning Reel the works. This, the number 80, is a stranger job of reel making in any angler's language. It is designed to be used on a somning rod, a flyrod or bast rod with equal facility. And surprising as it scens, it will do best that a large measure of versatility for any piece of

anding component Some features on this rod, while common to most spanning engls, see so placed that they are very practical and handy in playing a large fish. First item is the deag, a star drag in this imitance placed at the base of the handle where st should be. This drag will give you tension from a fraction of a pound up to the full becaking strength of your line. Best method of using it, of course. is to set it slightly below the breaking strength of your leader, then when a heavy bass, trout, or musky comes unsolid against your line, there is just enough give to save the terminal tackle from breaking

In casting, while using a but rod with this reel, you hold down on the control button, arleasing at at 2 o'clock on the forward cast. Nothing to it, a method of casting which is not dissimilar to thumbing a conventional baid casting seel when one is plugging for

Using a spinning red and this loboson 80 spinning reel you hold the line under your forefinger in the conventional manner, releasing it at the finish of your cast. Flyrod use calls for a deferent technique. Here you parts down on the release button, then handle the line just as you would a fix costing line, using your left hand to control the cast, then transferring the red

to your left hand for the setneve I went through all three methods thoroughly, casting flyrod hardware, such as small wobblers, weighted flies and such. It gave very creditable datances with all these bases I used an 8 foot, 4 onnce flyrod On my but costing red I found the

small places handled very nucly, groups me agod accuracy and control out to about a bundered fifty feet

There is a clock on this reel which is to be used in playing a feb. Pushing it on prevents an angler from inadvertly pressing the release button during the battle - a very thoughtful provi soon on a reel of this nature: I recall doing just that on another spinning reel whele playing a twelve pound steelhead about three month ago. Results, a lost fish when the line tangled in the top of a half submerged spruce, at the end of a similar nin

Line capacity is surprisingly large for such a compact reel as this Johnson's #80 holds a hundred yards of ten round test, soft monafilement line sufficient to play just about any fish from steelhead to buss with a bit of

The reel comes with an extra spool, too This filled with four pounds of test line will make it a very versatile setup for most fishing. I haven't filled this second snoot with line, so I am not sure about capacity, but it should hold at least two hundred yards Instructions say to not fill a spool to more than 14 inch of the top First thing I did when this seel came was to take it apart, using a coin for the purpose I looked over the inner workings to detect signs of rough

workmanship, but there was none it

lived up to its beautiful exterior appearance - very well made in every respect. The spools were easily changed

sheld another telling characteristic in

sts favor Seems to me this is the answer to the problem of going fishing without knowing just what type of pear or method of anoline is called for, as is usually the case. You can take alone a flyrod, and conventional flyline, but if your quarry shows a perference to deep underwater lures, this reel and a few mobblers in the back of your fish. ing lacket will prove just the ticket. Even when you are using a spinning rod you can, by obtaining a small, short tupered fivline designed for the



Hegel, if we west fish for dinner. I'd better at east a spell."

purpose, get in a bit of fly fishing, if the method is called for by a hatch This latter bit of equipment, however, I have never used as yet. But other anglets who have used a fisline with their spinning rods tell me that it is oute successful. One day I am going to latch onto a "spin fivlate" Seems to me it has possibilities for those bikingangling trips, where one must keep equipment at a minimum.

There is a very modest price tag on this Johnson #80 reel, \$1650. It is manufactured by the Denison-Johnson Sales Corp. The seel is obtainable through AMERICAN WOODSHAN advertisers. Wayne "Buz" Buyzek, 129 N. W. 3rd Ave., Visalia, Calif., stocks

Which reminds me - with the season cetting under way by this time. I have been fiddline amound with some streamers tied by Bussek, and what spangup jobs they are, too. I haven't had much chance for stream testing them set, but I do have plans for using them on the Madison in Yellowstone Park this coming summer. I am especially intrigued with the craftmanship of these flies. His Orange Duce streamer is wonderful. This one is the most productive of this type streamer which I have used in several seasons.

The big browns and rainbows find it especially attractive, to say nothing of bass and panfish. These samples I have are all tied on number 10, 4X long books, very nicely balanced between hook length and dressing, an important factor in stream-

er flies. Having some ability as a fly tree in my own right. I am especially conscious of craftmanship in another's tying. And I have never found any better craftmanship than "Bux" Buszek puts into

his creations. When it comes to finanting a wise old brown troot who has roown familiar with just about every type pattern and method of presentation, st scally takes a well crafted fly to fool him. I am betting, though, that this Orange Dace Streamer will do the business - fished properly.

Fishing a streamer properly, however, covers a lot of water. It means a close matching, not only of the small minnow life of a steram, but also a close matching of their actions in the Streamers should be sent into the

deep runs and pools, much as a foraging minnow would move into such places, constantly aware of the old lunkers bring in wait to put the match on such a lusquus triffet. That means it should be worked to give it the erratac, darting movement of small fish It means moving it out toward the shallows as if it were trying to escape into the protective fringing waters of the pool At this point you are very apt to

get action with a streamer. A bass or

trout can remain seeminaly indifferent to any potential food as lone as it is drawing pracer their hideouts, is being









irrettievably committed to the deep eight dollars, or a modern two-bedroom your fly suggests escape, if they are going to strike at all, the old lunker will take a cut at your offering. Of course of you have two or three hig old residenters competing for food in a pool, the strike comes at the first

all important chance. But all in all, the more important fish taking part of streamer technique is that dividing line where your offering is changing over from approach to escape. And, it must be added, it is usually the part of a cast which is done most sloppily, the fly being picked up

before it exhausts the full fishing taking potential of the drift. It should be worked closely into the shallows - the foot of the pool, before the pickup. Not once during the entire cast should a foreign element to the perfect matching be introduced. You can start with a good streamer. such as these "Bua" sent me, but un less they are carefully matched by

method and presentation, a large part of that fine craftmanship can be canceled out. Look What's Happening to Fishing in the Ozarks

From page 9 Roaring River also offers goggle eye fishing in its 30-acres, while Bennett Springs has an abundance of bass These parks are good stopping places on fishing trips where the family goes along, since there is plenty for the little lady and the children to do while you

Fishing, of course, must be good to attract fishermen. But there are other things - such as prices, places to stay, good food and hospitality. The Ozacks can readily beag about them all. It has been little short of miraculous how prices on the entire Ozarks regional scene have remained so low while

most of the other tourist and fishing areas have skyrocketed A tourist court modern in every way can be had almost arrewhere around the

three-state mountain area for \$4 to \$10. at the most For example, at Norfork in Arkansas, you can get a court for four to

water where they lie. But the moment job for a dollar more a night. Most courts give special weekly rates, too.

The area is chock full of out-of-theway cabins, if you want to fish in places and not be disturbed by the all hour, all-speet tourists, There are, of course, air conditioned

hotels in nearly all cities of any size at all throughout the Ozark region. It's a far cry from the day of the hillbilly. and frankly, most Ozarkians would just as soon become famous for something else - like fishme

Ozark hospitality is, surprisingly enough, very sincere and prevalent almost anywhere. A ready smile and a cheerful awapping of fishing tales is the accepted thing to do at any of the smaller Ozack towns

To be sure they are not in business for their health, but they make you feel welcome and will do much more than you expect for the money Fishing regulations in Missouri and Arkansas have been made to order. The Game and Fish Commusions of the two

states - as well as Oklahoma - are trying to attract fishermen - not drive and over-priced licenses. In Missouri, for instance you may fish any impoundment for anything at

anytime. Stream fishing begins March 15th, with the exception of black bass and walleye, which starts May 50th. This goes on until December 1st. The trout angline starts March 1st and contimes through October \$1 st. Arkansas has priced its license for a 10-day trip at \$2.00 or for a five spect you can fish all year. The season is

open year round on most lakes. If you have two weeks or more, try starting at the Lake of the Oxyrks working down to Taneycome, and taking a float along upper White or James, on down to Bull Shoals and Norfork in Arkansas, and then over to Grand Lake in Oklahoma. This would not you a solendid vacation and, what's more, a

expected. As one man put it to me: "This is just the beginning. You think Ozurks fishing has been good this year. Just wast a few more and then see what's happening to fishing in the Ozarks!"

Golden Fried Fish Steaks

Fillet or steak your favorite fish. and use following recipe 1 cup milk. I traspoon salt. I cun crushed corn flakes. Dissolve salt in milk and stir well: then dip fish into milk then into creshed flakes, for in bacon grease and lard until well done and colden brown

Fried Frog Legs

Cover legs with boiling water, drain quickly. Season legs with salt and pepper. Dip into fine cracker meal, then in beaten eggs, and back again into the cracker meal. Let stand a few minutes then fry until well browned in fat, butter or bacon grease. Serve with Jemon butter sauce

Live Buit Container

When fishing with live buit such as grasshoopers, crickets, etc., it is always desirable to see inside the container and at the same time provide them with forsh air. A wide them off with ridiculous regulations mouth Mason jar with a piece of inner tubing will serve both nurroses. Cut circular piece of tubing so it will just fit inside of the metal ring of the sar lid then slit across the center of rubber so your hand will slip thru. The metal rine screws down and holds slit tubing securely. Live but cannot get out and you can peck out buit you want.

Keep Your Hooks Sharp

Many fish are lost due to dell hooks. Always carry a Carborundum Hook Stone in your tackle box and keep your hooks Needle Sharp. It DAYS

It's a sign of nearly perfect control when a feller kin keen from burtin' a turtle's head back under water with bigger string of fish than you really the tip of bis'n fish pole, or from kickin' over a bunch of toad stools.

> You can't tell - maybe the fish goes home and lies about the new of the but he stole!



Raising Chinchillas to Pelt

Chinchilla pelts were in great demand until the supply was exhausted in the 19th century. They were trapped in their native South America until practically extinct because the govern-

ment easy them no protection. Mr. M. F. Chapman, an American engineer, succeeded in securing 18 chinchillas after trapping for about two years. Only 11 survived the trip to the United States. Almost all the chinchilles today have descended from these few. One can say, the chinchilla industry began in 1923 since that was the war Mr. Chapman brought the chinchillas to the United States. Although there is no accurate account of how ranchers prefer to have nothing to do many Chinchillas there are today, I believe it is estimated to be around four hundred thousand.

Because of the small number of chinchillas, they have been sold only for breeding stock. Furners claim it will take at least a million polts a year to supply the annual demand. The industry will need many more ranchers before this quots of pelts can be filled. Some rapchers are planning from 100 to 200 pairs of breeding stock for a heed This amount of breeding stock will provide enough pelts for a rancher to make plenty of profit, give him a comfortable living and make it possible to have something saved for a rainy day. It will be more income than any person who is working for a "boss" ever decamed of making Of course. them are some people who will not ston at 200 pairs. There are a few conthers who have more than this num ber today. That decision is up to the individual as to how large a ranch be

wishes to have.

We have people ask us, "Where can you market the chinchilla nelts?" Many people do not know where any kind of pelts are sold. There are fur buyers in most every good size town or city who punchase raw furs. A few co-ops are being organized that a chinchills rancher may join, marketing his pelts through them. These co-ons will probably be an advantage to the rancher because they will hold his pelts and place them on the market at the right time to secure the best prices. Also, there are "stations" being set up to pelt the chinchillus for the rancher so he will not have to pelt his own. Many

with the "killing and pelting of the little tylers." Another question that is asked as frequently as the marketing of the pelts, is the question, "What is the



price of a chinchilla pelt?" This is a ticklish question to answer. At the present time, chinchilla pelts are not an the market in such quantities to establish a market. Co-ops estimate the noice of pelks to bring from \$25.00 to \$150.00 depending on quality. Those who are in the peltine business know that no matter what the average price of a churchilla pelt, the better pelts will naturally sell for much bigber prices than a poor pelt. Until pelting time arrives, one will have to look upon the price in a manner of comparison to prices of other animal pelts and the demand for chinchilla pelts in proportion to that of other fur as it was when Chiechilla pelts were sold in the 19th century.

At the present time, profit on beeeding stock sales are the main source of income for the chinchilla ranchers. Un-

til there are enough to allow relting. this will be their only profit. It is fair to ask if there will be a very large margin of profit if the pelts are sold for only \$25.00. Of course, this will be determined by the ranches and how he feeds his animals, etc. Pelters will not be kept in a heated unit as the breeding stock is today. Various ranchers are feeding expensive and complicated diets. The diet we have been feeding these past few years, including other expenses raising a chinchills is not over \$4.00 a year per animal One item of amportance in mining chinchillas over other fur bearing animals is that chinchillas, being vegetarians, reduce the feed cost in companison to that of the meat-cating animals. We feed only reliets and hav to our snimals. Chinchilla ranchers will prove have to compete with wild chinchilla pelts, which is a very nice thought. Pethaps some of you who are read-

ing this are thinking the same as one fellow who wrote to me. He asked if I thought he was "craze" to purchase a pair of chunchillus for \$1250,00 or more, when he would perhaps only recrive \$25 per pelt when he began pelting I appreced his statement this way: The reason the breeding stock sells much higher than the pelting price is because of the value one will receive in the number of increases of babies from the original pair. Remember the

CHINCHILLAS



CHINCENIA pelts said back in the Hin Castury bressles warming process in the wild state. Now that they have a reach value of impossing the same ranch value of impossing the state of the same ranch value of the same ranch v

odstiese and de not have parouties. Cause easy \$2.50 a year to beed!
One of the mest PROFITARES and HITTERISTING purchases yes could make.
We have requisitered NCAA, top quality who have requisitered NCAA, top quality with the purchase of the purchase of

R. 2. Ben 50

Dever New Homeshire

old saying, "You get what you pay for."

When you purchase a pair of chinchallas, you are starting up a business of your own. You should purchase the best quality chinchallas. You cannot expect to receive top prices for pelts of poorly furred animals, which means you must have excellent quality breedings stock. You are much better off, parchasing a pair of chilchillas for

purchasing a pair of chitchillas for \$2000.00 and ecciving top quality chanchillas than paying a prace of about one-fifth of that amount and receive a pair of colls. The culls would produce poolly furned offspeng and you would have as much capease involved in raising them as if you hold a good pair. The pelts of these cull animals would bring the fovest prices.

Nonerous ranchers do not cull their nitials as they should. The results are about one fourth of the chinchillas being raised today are culls and are worthless for beeders or for pells. Pick up a pencil and paper and do a stitle figurage on the amount of increases on the purchase of one beed pair of chinchillas. Chinchillas have two litters a year, occasionally there. They have one to four bulbas in a litter.

Let's be very conservative and figure that the pair yes porchase have two bables each year and their offprings also have two bables each year after they are a year old. In other words, we er figuring they are doubling themselves each year. By figuring on such a small peoducing record, it will take care of what few deaths you have, what you should oil, the inequality of makes and females. You are really figuring just the good offpring. The



ers heren't nessed whether pelis should be coped to obers or thinned spen. second year you should have two producing pair, if you purchased a bred pair. The third year four pairs, etc. When nine years are up, you will have probably sold enough breeding stock to cover the cost of the original purchase and other expenses still leaving you with a good 250 pairs for breeders to produce offspring to pelt. The 250 pairs abould perduce from 500 to 750 babies yearly for pelters. I do not believe many people would want to wast nine years and it would not be necessery. Even 100 breeding pairs would make a nice income. You could purchase a second pair reducing the amount of time it would take to get

started. Also, we were figuring on a very conservative penduction. There are several advantages in raisine chenchillas. They are raised in a building, making it comfortable to care for them in the winter. Any building as long as it is sermin proof and deaft free can be used. Only in rare cases do they kill their soune. The babies can be handled even at high without any been being done to these. The adults are not vicious and can be handled with bare hands. The mortality rate in very low. These is very little odor to them and the droppings are firm and pellet shape, being easily cleaned up. I believe chinchillas are actually the



cheapest to raise of any fur bearing

inimal The chinchilla industry is now in the making Selling breeding stock is profitable and anyone beginning in the business now will be able to sell breeding stock and at the same time increase his herd for nelting in the future. One can make a good living and be his own boss. A person can begin his ranch and keen working at his vocation until he increases his herd. It takes such a small amount of time to care for the chinchilles. A wormen can care for them as easily as a mun. Even a man with poor health can care for a head of 100 pairs. Many of the larger ranchers are now selling chinchillas on credit terms so

that anybody with moderate means can purchase them. True, there are many factors to be solved in the chinchilla industry. The furriers haven't arread which will be the better way to handle the pelts. whether the pelts should be cased or opened. All the problems will be worked out eventually, the same as the problems of several years ago when beecders didn't know what size cages were best, what a chinchilla should be

fed and so on.

Chinchilla ranchers are engaged in various kinds of vocations. There are doctors, college professors, automobile merchants, salesmen, farmers, Reminds me of the rhyme about the button counting of what type of man a girl marries, that ones correttion like this: 'Doctor, lawyer, merchant, chief: Poor man, rich man, breezeman, thirf." Believe one there are all such kinds of people in the chinchilla business!

Big Game You Should Know From page 15

of spow-bound deer in the high countex and non-armock but these are few and for between We say that he is known for his cussedness, but even this does not compare with the maliciousness of the wolverine. Of all we know of the cougar his

celebrated scream is the most highly echlicized. Many wried and assorted legends have emerged from his fiendish tinctively gray in appearance.

outcrys. In the pioneer days it held the ring of terror and many men would not dare venture into the realms of the wilderness after sundown for fear R would be their last. How does it sound? Those who have actually heard the cry of the panther maintain it closeby resembles that of a terrified woman

or half-grown child. But what is this cougar, this big cut? Is he verroin-not worthy of the hunt? In most states he is regarded so, but I dare say you would have a difficult time convincing an avid lion hunter that he is anything short of "game" of

the highest calibre The range of this great feline is the largest of any North American big game Within this boundary there are thirty known sub-species. Eleven of there are within the borders of the Heard States and Canada Pine more can be marked up to Central America, Mexico and 14 in South America.

Penular belief that no animal is more vicious than members of the cut family may very well be justified. The vicious trust is often observed in the common house cut when cornered in a fang and claw struggle with the family pooch. With both of equal size, the cat would no doubt trim the doe to a fare-the-

Arizona's Rimsock country, considered the country's most productive lion terenors, vields a tremendous number of big cats the year 'cound, Through its iarged terrain the Redbone's and Bluetacks some and band their cry of the chase Over almost impossible terrain the course leads the bounds with our prising agility to a tree or a rock and warts for the coming of the huntre From atop his elevated perch he spits his savage defiance at the bounds who annoy with their bolstering cries of

With his body of tawny hue the coupar is a magnificent beast. The belly and mades of the less are a dall white and constitues possess a distinct times of red, depending on the locality. The head is usually somewhat lighter in color than the body with a fight cast about the mouth, chin and cheeks There is also another color referred to as the "Blue Cost." This one is dis-

"treel-

The young of the cougar are donned with spots, varying from light to dock brown, some almost black. These markings are prominent until the cubs reach the age of about six months. One cub was known to possess no spots at all - an extremely rate case. The inside of the ears are identical in tone to the belly; the outsides are dark brown to nearly black.

A Lesson for the Colonel From page 19

leff kept his own counsel, but I knew he was working Geey Ludy every day. The box day finally arrived and brought with it a large crowd of itstreested spectators. The trial was to be held in the same fields where left and the Colonel had met. It was a good choice of terrain. Open fields, brush, gulleys and woods were all there. Both dogs looked to be in good shape and

eager to go. The judges broke up their huddle and the senior judge rode over and asked, "Gentlemen, are you ready?" Thro. "Cast off!" Both does coade beautiful starts

Bruce headed over the first raise all motion and caserness. Grey Lady 100% off just a little slower and slightly to the left. About 250 yards from where she was cast off she veered to the left and stopped on point. A gase of surprise went up from the crowd leff went in followed by two of the judges. The third rudge loved off after the Colonel and Bruce leff flushed a covey right in front of

Grey Ludy, fired and let her go. She picked up two singles before he cast her out again. She worked castly and intelligently, head high not bothering with foot scent. She found another covey over the crest of the hill before we ever saw the Colonel and Bruce. She worked singles as beautifully as any dog I ever saw. She certainly did not look like the same dog who was satisfied to back my Rocky a month ago. The Weimaraner had class in every line and motion. I realized now why leff had insisted upon judges who were intreested in hird finding ability com-



The Sleeping Bag Is Tops

Kephan, the ancient chronicles of woodsmarship, torned up his tanned note at the sleeping bog In his day and age there really wasni one worth a sack of rusy fishbooks and unforernately for hum, he wasn't around long enough to singgle into a modern one There's been a heap of improvement!

The thing that made the early, crude hag come of age with respectability was the invention of the zipper. That amazing guiget made it possible to ventilate a sleeping bag in warm weather and open it up for cleaning

and arriag. Tree, a steeping bag in nor an aboloue recessity for a night condent. Blakets were seed sanisationthy length before one was satisfactorily length before one was satisfactorily length before one was satisfactorily length before the same that the same and the same and the same and the same and the blakets off the home bed to keep course; the same one between the same and the same

There are several important advantages the bag has over blankers. It is easer to take case of and pack, its built is small. Bed making is simplified but best of all, it's much warmer than an equal weight of blanketing. All afterium hars have four things

An arcping rags nave rout range in contrion: the outer cover or shell, the inner liming, the involuting material between these two and the mortainful means of cloung and opening it. The vast gulf in prices comes from the type, quality and amount of materials used and the workmanship of the sermitress who puts them all together. Good sleeping bags are not cheap. Neither is a fine rule or sheepun. For perfect satisfaction and service from either, it's best to spend a good pand get a quality article or as near to it as your peckethook will perriet. The name of creates manufacturers or steeping bags is like the name Coth or Smith & Wessen on a handgen. With these

you can't go wrong.

Sleeping bugs at present are being insulated with waterfowl down, kapok, wool and feathers. The latter is usually used in combination with down.

Cotten in alterniar hase in absolutely

hopeless and is no longer used.

A bug filled with 100% northern waterfowl down is considered the best for watersh and lightness. Such down is hard to get and there never seems to be enough. Consequently a down bug is the most exercise in the south-

to be enough. Consequently a drwn beg is the most expensive. In the southens states such a bag would be a needless extravagence but it will do a job in a cold climate if filled with three or more pounds of down.

For several years I have been using

lightweight bags filled with a combination of 40% down and 60% crushed choice chicken feethers. These bags are lower in price than the all down ones and I have found them to be excellent the year 'round. Some bags have as fittle as 5% 60 down in them and they are generally only useful in the summer time.

Many good bugs in the lower price range are made of prime kapok, the imported vegetable fiber commonly used in life jackets I'm told that kapok dries out and breaks up in time. This may be so but I gave a kapok bag hard wear over a period of twelve years and there was a lot of use left in it when I sold at second hand One really nice thing about a kapok

One resity mac thing about a suppose log as compared to a down or feather bug is that it does not attract moths. The latter has to be stored with moth protection in some form or other during the warm months. Wood lived have are sometimes made

Wood lined bags are semetimes made from a quilted wood but host mustly the liner is a high quality wood blanket. In my experience they are not as efficient for cold weather use as down, down and feathers or kapok. Wood does make a fine, high bug for use in moderant temperature, though. The outer core or shell as it is more

often called, should be of a good grade of lightweight but strong comon, spion or styre. Dark colors are used so as to show a mamman of dirt. The cover should be water-repellant, but not waterproof. The latter material, like plants, rabbeer or raincust fabilit, will not do became of the closed pores of

plastic, rubber or raincout fabric, will not do became of the closed peers of the cloth. A sleeping bug must be porous to "brathe" like a test, otherwase it will condense the body moistures of the sleeper until he becomes dreached. In extreme cold such a situation will peoduce hoar frost in a bug

The sipper is the fastening most commonly used in modern bags and it should be a full length one that permits the complete opening of the bag for airage. A short tipper is a basis should have a tab on both sides of the indicate the same of the bag of th

tanguing with the citem. One disadvantage of a ripper is that it leaks both your warm air foom inside and turn and cold air from cutside. Good skeeping bag makers solve this by weather-stripping over the ripper on the outside and backing it with an insulating strip on the inside. These features add a great deal to the warmth retaining abilities of any bag.

A few bags are made with snap fasteness for those who consider the sipper an upstart in the class with the first automobiles — they'll never work. These snap sobs are O. K. but after using both, I believe the supper is best. The standard shape for a steeping us a rectangle approximately six by three feet. Of four different ones feet to be found that all scellent in spring, summer and fall but when winter carpeted the ground in white, they seemed to let me down. The trouble was that I'd get cold six so the op around my shoulders in spite of

top ascends my steeliners in spore or everything I tried to do.
Finish I feeded a bag shape that did the trick in keeping me warm. It is a semi-mummy bag with a draw string ascound the top opening. Now when I begin to child, I pull the opening closed used just my face thows. Actually for severe cold. I perfer a full manumy bag

A manney bag in the cold is much more efficient than a rectangular bag. The heating plant that warns any bag is your own body. No bag produces beat, it just cetains it. In a manney bag there is far less space to beat. A musuany bag, however, ins't mech good to the summerciane unless it has a full length stoper to it can be opposed.

ingin apper to it can be upened. Some people don't like it he more confaining folds of a mammy bug and I'll have to admit they are a listle harder to get used to. Two of the tricks to get used to. Two of the tricks may be used to sleep "exe" so you won't have to sleep "exe" so you won't have pijamas or clothing to trust and bind you where there is little room to mainlaten them out.

Big people should make rare they buy one of the bags especially made for big people. The bag makers have taken care of them with larger sizes. Double bags are also made to accommedate two people. Usually they are constructed so they can be used singly or armed together.

Use of a sheet of some nort in any bag is important for cleanliness. Even the most bewhistered sportsman will not be a sissy to do so. A bag can be exper such cleaner that way and it's easer and cheaper to launder a sheet than it is to dry clean a bag. In surmer the sheet can be of light cotton but in the ny months a blashet can be used for extra summth.

Some people are fulled into a sense of false security by the magic words

st. "sleeping bog." They are warmer but og for maximum confort all the tricks as and nethods of good bed making mout es be used also. That means a matteres to undermash, a pillow of some sort and an inhiter overhood. A sleeping bog in not a tent and those fancy boods, set up to overhead in the catalogue pictures, are debut as useful as a box trap set on a to short as useful as a box trap set on a

e about as useful as a box trap set on a f muskrat slide.

If you are going to sleep out much, 1 you'll get more bux-sawing enjoyment a out of a good sleeping bay. Ther're

Shotgun Shell Case
Two empty shotgun shells of different gauges make an excellent yet simple case for matches or fish books

tops!

when shoved together.

Waterproofing Matches

Waterproofing Matches

One of the easiest ways to waterproof matches is to simply dip half of
the match, including the head, into

t varnish and theo laying them out on a old newspaper to dry.

Storing Tents

The best way to store a tent an the off season is to hang it up loosely by the ridge in a day place where mice can't get at it. If you haven't room for that, then coll it loosely and lay away.



Going Fishing. Hunting. Camping. Traveling? ...eat Kamp-Pack

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Safety and Spare Parts Kit By COL. ROLAND BIRNN

in our boat when we went offshore one rough night to search for and finally rescue a couple in a small boat that had been adnift well out of sight of land for over forty hours. This matter of going offshore without a single space part, adequate tools, comness and even a decent nair of our as the pair we picked up had done, seemed to impress him. His one hobby was houte and second was fish. ing from them. Discussing the incident later, about midnight, while we were stoking up at an all-night diner, he said something that led me to write this article.

You fellows keep talking about zoing offshore' without adequate preparation and provision for breakdowns or had turns in the water. Let me tell you that there are pleasy of places inland in my state of Majorand across the line in New Beans wick and Queber, just as inhospitable You could gat back and berries, I suppose, if you had to, and there'd be no fresh drinking water problem. but I'd rather carry a good safety and space parts kit with me whenever I start out in my boat for a day's

Well, et wouldn't have to be as complete as one you'd use offshore from the Gulf of the Atlantac coast

Take the compass . . . "The compass is one gadget you would have to take" said this newcomer. "You can jume ashore if you want to, I suppose, and figure out which way is South by looking for the

I don't know how this stranger got. But when you get into winding channels around islands with tires overhead blotting out the sun or when the fall forest fire smoler hangs like a pull overhead, give me a compass for direction. On open water you might even tell direction by that prevailing seasonal winds. In waterways through forests and hills the winds and puffs of because come from no definite direction. So when there's no sun or stars to guide you you're just as bad off, maybe worse, on inland waters. You know how for several days at a time the fish just don't seem to bale on deep water. try, where you might go for a week in the woods without seeing a bit of edi-

ble game and where there just aren't any fish in the streams. I've seen salty characters from the senhound set out on boat or canoe trips through our streams in the sticks just as illy prepared as that couple we picked up this night." Well, what does adequate preparation mean? And when it comes to equipment and supplies just how much should be taken along? Enough to ownload the boat, so there's no room

for fishing or just handling the boat itself while it's underway? Whatever safety kit was take along depends upon the season and its attendant weather, the waters and the surrounding country, yourself and passengers, and the boat and its power plant. A builing can of one quart capacity might be large enough for some streams but only a bucket would be adequate for an open boat on the sea or Great Lakes. And there's lattle need

for correspond who burn't the shiff to

even clean and set a spark plug to take along a complete repair lot unless he's sure of coming onto someone who can use there for him. Ordinarily an inboard powered boat is designed to take steater weight thun an outboard powered one, so thirty pounds or so in a kit would make no difference in weight And it's much easier to stow fifts pounds of equipment and supplies in an eighteen foot open boat than twents counds in a fourteen footer the same type

But let's take an outboard powered sixteen footer with two persons abourd, setting out on a fishing trip through wooded streams with some lake crossings where no other humans may be

Oars, of course, and outlocks Not a makeshift but a matched set of our and locks and a set which will match the boat with lock stems that will fit in the ourlock sockets. Sure, your motor is a reliable one and has never pizza you trouble but even so, suppose you come to weedy waters where no motor will percolate

Two life preserver cushions, for the lake crossings. They're handy to grab and dip an sem through the handles if you see your boat is being overwhelmed in the white water of some rapids. You may be a strong swimmer but take waters can be awful cold and even a strong swimmer slammed against a rock in a capids will find a

buoyant cushion handy. Bailing scoop or can or bucket. Sponge, too, if you're going to sit in the bottom of the boat, although floorboards or slats are better for keeping your gear or your own stern dry. Anchor and line enough if the lakes

are such that you intend to or might have to anchor. Most hostmen seem to carry line too heavy but not long enough A good half-inch diameter anchor line would be strong enough for your sized boat It should be long enough to provide the proper scope so that the anchor will due in That derends upon the character of the bottom and depth of water A long line is handy for towns the host sound outreats your motor can't overcome Extra fuel and a furnel or spout for the can, unless sours is a Course can or

similar type. You may find so much dirt or water in the gas tank which you start with that you'd be glad to be able to dump it and fill up with clean gas from your space can. Or the trip could take some hours or days longer than you'd planned.

Tools for the motor. First a shearpin supply, if your peopeller uses them Tool for removing the nut, and also an extra cotter pin. Then a spare spark plug set, and weench for removing plus and reinstalling them. Tools for removing the carburctor, and for dismantling it enough to clean it out and readjust it. An extra starting cord if

your motor has no recoil starter. A hammer is always handy in a powered host. So are pliers, even though you find tape to repair a break in the spark plug wire insulation. Now for personal gear. Clothing

should suit the possible weather conditions of all sorts and your own hardsness, or lack of it. Shelter in the shape of a light tarpaulin, too, might be

But deinking water, if you're on water considered unfit to drink is a "must." And chow, too, should depend upon how long you might have to be out, though you intended to be gone but a half day. This extra chow need not be in the shape of sandwiches. Canned meats - and be sure they can

he opened with the attendant key cannot beewn bread, canned date-andnut roll, canned soups if you have means of heating them. All these serve well as emergency rations. You'd take lighter weight stuff if you were toting it all such as at portages, but cannot goods are fine for boat supplies. Flashlight in case you're stuck out

overnight. Don't depend on the moon-TEN FOOT SPORTSMANS FISHING penached to within about ten feet of ROAT KITS

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Marches in a waterproof container. If you on ashore to light a fire a little casoline from your spare can will help wart it. A waterproof watch or a nonwaterproof one in a scaled glass jar. A first and kit, and be sure you have means of removing a fish book embed-

ded to your person The compass has already been mentioned. Naturally if you're on some streams you won't need one. But many streams open up to lakes studded with ulands and idets. Twist around a few

of these and you may lose all sense of direction. A map of the country, too, if you're going on unfamiliar waters. A verbal description of any stream or lake from someone who knows it well doesn't describe it nearly well enough when you're out on your own and see a half dozen possible branches ahead of you. And headed one way the stream or

lake will look a lot different than it did when you were headed the other way on your way out. Fishing equipment? You should know your fish and fishing for your locality better than I. But whatever gear, for bost, personal use or fishing. you do take should be well stowed.

with the things you need quickest being closest to hand A Lesson for the Colonel

From page 57 bined with style rather than horizon busting speed demons At the end of an hour and a quarter

leff's Grey Lady had found and handled perfectly three coveys and night singles. The senior judge had been out with the colonel a while. He rode back now and asked Icff to bring Grey Lady over the next rise to honor a point that Broce had made.

leff brought her along, and as soon" as she topped the rise and saw Bruce on point she slowed and emperty ap-

Bruce and honored his point. Both dogs were steady when the covey was flushed. Grey Lady worked a single that Bruce passed when he set out again. I had time to check with some of the fellows following the Colonel while this was going on and they said Bruce Continued on page 43

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Trails Afield

By MORTIMER NORTON

Many events of interest confront the sable with his fishing tackle and anales woodsman this month, as both fishing and hunting broaden out for the summer season. At persent, there is much and but casting or trolling. shooting speet to be enjoyed in stalking woodchacks out on sunny days, scampering over the hillsides and grassy fields in search of food. Woodchucks can be found near horoe

in many regions, and so are favorite game for early season action with a 22 caliber rifle and telescope sight, or 50-30 culpher rifle for emater range; or for high-powered shells in a 12 gauge shot-

This is the time of the year, too. when fishermen usually have greater action in taking pike, walleyes, pickerel, and various panish. Like trout of the Great Lakes, Finger Lakes of New York the Maine Woods Advandarks Michigan Lake of the Woods and Weaming are in their best early season condition, sported traut can be cought more frequently on wet and dry flies Bass and nanfish are star attractions alone the Southern states. Atlantic salmon are running the courts of New Beanswick and Nova Scotia: and whools of salt water fish of many kinds are working on the East and West Coasts. This is the season when a fel-

low wants to be afield as often as nos-

friends, for it is when some of the best catches can be had while spinning, fly This is the time also for canoe-fish

ing trips, such as the soute from Old Forge on the Pulton Chain of Lakes in the Adirondacks, up along the Raquerte River, and on to Saranac Lake

or Tupper Lake - with fishing for spotted trout at various points along the route. Black bass may be caught after the season opens the first of July. There are campe routes on the scenar Oswegatchie River of northern New York, and the St. Lawrence River, the Delaware River, Susquehanna River, Ausable River of Michigan, and innumerable other water courses.

The great bass-filled rivers of Missouri are fine for canoning, as any the nvers of Arkansos, and the upper Mississippe River. Wisconsin and Minnesots are threaded with excellent cance routes, and in this noethern wildgeness country you can cause for hundreds of stiles, and for weeks at a time, with comparatively short poetages or "curnes" and fish in different waters every

Yes, fellow woodsman, this is the tire to bit the trails afield, to hike up mountains for panneamic years of

neaks, forests, and lakes free fire observation towers or pinnacles; to paddle alone rivers that lead to virgin fishing spots, such as exist in the adventureland of northern Canada, and to camp with test and trailer in the state and national parks of America.

WIT DEPARES HISHING MAPS Prequently angles write in request ing to know where they can obtain

mans showing the lakes and streams of a particular region where they intend spending their vacations, and often repough it is difficult to secure the sect of detailed maps desired Road and peneral recreational maps are helpful in most instances, but these do not always supply the "been there" details which are sought. For this reason readers of this de-

partment will be glad to know that a new service is being offered to anglers by a couple of outdoorsmen, John and Robert E. Moran, living at 2103 Plum Street, Schenectady, N. Y. These two fellows are producing "Wildeness Fishing Maps" which not only portray enlarged drawings of pencipal lakes and streams in a given area, together with roads and route numbers which take the fisherroun to the best spots selected, but also contain a Fishing Appraisal" on the back of each which gives authentic information on the kinds of fish to be taken in each water, and bits of personal lose to put you right in touch with the fish themselves. Beginning their venture, quite naturally, in local regions, the Moran brothers plan to expand as rapidly as facilities and orders perme. Here's what

We are publishers of fishing maps -maps which show in clear detail how to get to some of the finest fresh water fishing spots in New York State At present we are limiting ourselves to the Adirondack area. Later, we plan to expand to other parts of the state, and to the general northeastern United States. 'Our first offering is a four-part package consisting of three 'spot' maps, plus a general fishing map of Saratoga "A feature of our maps to which we

have given a great deal of attention is

the fishing appraisal which accompanies and out across the desert by way of each one, based in every instance on actual first-hand experience alone the stmams or on the lakes, in outstion. To eather data for our first set, we have rrayeled more than 8,000 miles, princivally to trout streams, in castern New

It occurred to us that by applying our interests (fishing and drawing) to the production of fishing maps, we might help fill a growing need of analers exerciptore for accurate and clear-cut information on where to go.

In all our maps, we are placing very strong emphisis on information gained through first hand experience on the scene Some of the factors which show up in this kind of approach are posted and unposted sections of streams, kind of water, location of state land (where this applies), 'bot

spots, locations of boat liveries on lakes, etc. We are offering the present package for one dollar - mail order only. Response thus fee has indicated a rather grone demand for fishing maps on a county been and we plan to take this seconarh in our schedule for the im-

modiate future." Here, then, is a service which fills the bill for a const many analess who are in need of such mare as quick and authentic aids in not only reaching the best waters, but also knowing just what they are apt to catch there Drop a line

to the address given above, mentioning this magazine, for further dope on this worth while project My friend of the Pacific Count's forest and stream land. S. A. Coffee of Halsey, Oregon, formerly of San Bernardono California, sends in a picture showing his outfit in the Mojave

Descet, with a note saying had found and handled six coveys and I am sending this picture hoping it will help to explain one of the many gensons why I enjoy and appreciate the Pacific Northwest This is only one little corner of the Mouve that lies just beyond the San Bernardino Mts. In heading poethward on our vaca-

tion trips, we can evade the truffic of Los Anecies and Pasadens by taking this shortcut up through Cason Pass saw her check her stride and feel the

My first trip to Ovegon was taken while I was working out in this land of freezing winters and blistering summers. I was acting as assistant resident engineer on the state highway through Barstow, Bandad, Amboy, and Needles-

For three years my scenic views had been confined to dry lakebods, barren granite ranges in the dutance, greasewood, cactus, and the dirty brown waters of the Colorado. For wildlife I had enjoyed the company of adewinders. vinegargooms and occasionally a mangy

covote. When I came to where the Pit River empties into the McCloud, about 30 miles north of Redding. I thought I had reached the Happy Henting General I was ready to stop right then and their. Fortunately, my wife insisted on continuing our trip. And as we proceeded north into Outgon I began

to restize that we hadn't seen 'nothin'! 'On our way south, along the coast, it seemed that every few miles we crossed a stream of some size or description Some of the rivers were man-size, like the Umpqua, the Rogue and the Klamath, others were small and inviting It was at one of these smaller streams that my wafe finally mentioned the one thing that was uppermost in both our

minds. " 'Arm't we going to do any fishing before we get back home?" "I replied solemnly. If I ever get

started up one of these creeks I'll never get home "Our ends and our creeks remained in the car."

A Lesson for the Colonel From page 41

one single. This included the point which Geev Ludy had honored. The how and that Bruce was turning in a

wonderful day. He had never looked bettre The dogs separated again and I followed Grey Lady. She was thrilling the callery time after tame. The two hour

wind with her nose. She half turned and then snapped into a point. It was a tense point, but not pictorially beautiful. Her nose was high, but she was half turned to the right.

The old judge stopped left as he rode forward to flush and asked him to wast while he brought up the other dog to honce the point. This was the first time that morning that Bruce was to have a chance to honor Grey Lade's point. It was a hard one for leff to set and watch, and it was a hard one for the Weimaraner to hold. We could all see that something was different with

the big grey dog this time Colonel Beickley come riding with Bruce alongside. Bruce saw the Weimarance on point and started toward her. He was coming fast and the Colonel called, "Whoa!" The big setter slowed down but continued to move forward. We all wasted breathlessly to see if he would break through. What did happen

none of us expected. Bruce crept forward almost abreast of Grey Lady and then turned tail and flashed with all his speed about fifty vards to the year and dropped belly down in the grass.

The old today climbed down from his saddle and asked for a cup. He was coine to shoot a bird for Grey Lady! He started forward and stopped just be hand the dog. Excitedly he motioned







to the other two judges. We all inched forward to see the cause of this. Standing high in the stirrups I could see a clear space about five feet in front

see a crear space about nee reet in front of the Weimnanner. Sunning himself in the late moning waemth lay a big black soake. This was something to sell the grandchildren. It explained Brace's unprecedented withdrawal and the tones point of the grey

bitch.

We watched in awed silence as the judge walked forward to frighten the snake away. As he took a step in front of Grey Ludy a single quail bard skyward almost from under the dog's nose 5he was steady as the judge awang his

gen and freed.

At the command to fetch she was off
and back in a moment tenderly carrying
the bird. The judge took the bird and
quietly ordered, "Take up your dogs."
The judges had been talking in a
group which now broke up to
judge assed his hand to attract attration. Devryone waited expectantly.

The old judge said, "Gentlemen, it is our unanmous decision that Gery Lady is the wanner of this heat. You have seen a truly semarkable performance by a semarkable dog."
The gallery cheered as Colonel Britis.

ley came forward and shools Jelf's hand.
"You and your grey dog have taught me something today," he said. "She deserves all the praise in the world. She has a great heart. I shope you will forgre a coasty old man and come huming with Beate and me." He heaistsed a moment and then continued. "Hasumph! If you beed Gery Ludy, I would certainly like to get a pup."



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have in hand to make a good line

Good ingredients are absolutely meeting the first three are not obtainable, it's far better not to make a start, lagordelints of the highest quality are available from most trapper supplies. Buy them from a reputable lare manufacture or from a good tapper supplies. Buy them from a good tapper supplies. This good south for the impreficial you have to buy. Much of the same train used to make a good for lare can be found right at home or near the first production of the first production of the first production of the first production would consist of the first production of the

glands, animal parts, material for food lares, etc.

One of the min ingredients for home lare making is fish oil or juice of rotted down fish. Let me excelun here

s that the common panfah like aucker, est of the common panfah like aucker, est of the common panfah like aucker, est of the common panfah like aucker, est only which is about in the same class only which is about in the same class only which is about in the same class of the function of the common panfah like and the common panfah like panfah

whiting Fish juice is easier to mix with other ingredients than is the top oil. Usually top trout and cel oil will separate from other ingredients unless it is emulsified. Home lure makers are not equipped for this method of lust making so we will not en into detail discusses it here but give only information that will be beloful to each and every one Mixing top oil with moskest mosk beaver castor, mink musk, and any other thick ingredients works fairly well and if let set until cold weather then mixed again, it will blend perfectby and make a fine lare the following

from top fish cits are far sepecior of aged explaine month.

Many times top oil is used for law bose and if mixed with a small amount of 190 proof alcohol will blead well with other ingrelents, such as skund exame, masses, ever most, after valerate, and essential oils. Do not attempt event, and essential oils. Do not attempt to max watery they eignedictris with oils of any kind. This is for professional them takes and they at times here

fall. Most good lures that are made

plenty of trouble to mix lures that will not separate. For the average trapper wanting to make up lures for his own use, he will do better to use obscrine for a base as

it will roix with almost any ingredient Let me explain here that the oil type ingredient and the watery type ingredient should not be used to the extreme together as separation will continue unless emulsified. For example, trout oil, sperm oil, skunk oil, raccoon oil, nestsfoot oil, or any oil that will conseal should not be mixed with total suice cotted down mosts that are watery. unne, etc. There is one oil that is good for lure making purposes and can be mixed sparingly with watery ingredients, that being fire rendered beaver oil which is one of the best lare base materials. It will not conpeal unless in very cold weather and the odor alone will atteact all flesh eating animals Harally when so oil is used for hose material, the added ingredients are of the type that only a blending process is necessary. Example, for a good for lure where oil would be used as a base, a good combination would be 3 oz. beaver oil, 5 drops sloank essence or an equivilent amount of 10 drops ground skunk essence sacs (the latter to be pec-

ferred). 14 oz. muskrat musk. A. oz.

beaver castor, churck of muscam much

size of a pea, 2 drops oil of lovage, 1

teaspoon grated boof donkey or mule

preferred, & teaspoon zinc valerate, and I teaspoon trout oil. All ingredients should be placed in an 8 oz. jar and shaken well. Set in warm place to age Since all the ingredients are to blend and not fill they will readily may with the beaver oil to readure a good lice. The muskrat musk will come to the top, but shaking every week and are will cause it to settle and mix. The grated boof will settle to the bottom and will blend into the oil. After this formula is 2 years old, it can be heated so it will be very thin, then strain it through a fine sieve and you have a very fine for and counte lare. If trout were or serve were added to the mixture, the entire contents would mix with a soverine base then the unine and fish inner could be added toarther with strained inices from the for's everyday fonds

The above formula will also blend with a fish juice base although the proportions would be out of balance. I oz. juice and 1 oz. glycerine would be the right proportions. To make a mink lure

urine and fox juice cannot be used as the formula will not mix, although mink musk will mix with an oil base or ruice base, but do not combine them. Example, a formula of 14 rat musk, - oz. beaver castor, 1 oz. roink rousk will blend with 4 ox. of sel. The same thing will blend with the ruse fab juice and make just as good or better lure than the oil base. To improve it, add 1 oz. fox urine which will readily more with the juice base, but it will give trouble if added to the oil base. If the formula calls for incredients that will not mix, and you want to so to the trouble, you can boil the water out of the moved formula thus blooding the ingredients together without one harm being done to the odor of the finished lure. This method is not practical since the amount which the average trapper would have is so small it would be too much of a bother to set

HOW TO MAKE AND HANDLE FISH OIL AND BUICE

up to do the job.

Most trappers get started in the make their own lure" by first starting to make fish oil. Trout and cut fish make the finest oil and ruice. The odor is mild and not barsh like that made from the large scaley type fish. When I use trout I like them his and the hisper the better. If I use cut fish and want oil and juce, I like them small. If I want mostly oil, I like them bug, the bigger the better and the more ton cal they will make Cat fob over 10 the age for and produce a very cond

grade of ton oil. For top quality oil, remove heads and entrails of trout. Cut them up into small pieces or just so you can get them into a jar. The cut fish should be placed in a par as they come from the stream. Most of the fat is on the entrails and

if this is thrown away, you lose the hest part of the fish that produces the nurs ton oil. Out or prind the cut fish ento churche nest so you can not them into the use News 611 the incommen than one half full of fresh fish. Be sure your jars are clean. Never use rubber bands between lid and jar seal. To keep flies out, wrap several rounds of while cotton varn between lid and jur

with a trout oil base or beaver oil base, real flange. This lets gas escape and fly ceas will dry. Set in the sun and do not stir or shake or move until entire contents are rotted, the oil is on top, the paice is thin and the bones have settled to the bottom. This takes four months of good summer weather.

To separate the dark top oil from the mire is no easy test when you are not equipped. Do not mix the oil with the juice and bones as you will lose 25% of the good grade top oil. Take it easy. Use wide mouthed jars and use a skimmer to remove the top oil. If the weather is hot, many times the oil can be poured off the top. If some juice ects mixed with it, it can be poured off when the cil sets dunne cold meether The matery raise and oil will not mix but the fish meat that lies right under the oil is what will mix with the oil. and it takes two months of hot weather to separate this firsh and oil, so once you have it, try to keep it separated. If you make it a year shead, you

need not be as particular. You can take all the pure od you can get, then pour the balance into a parrow high lar-Pour all the jars together and fill to the top. Strain off all juice from the bones and save the bones to be ground and mixed with your fox buit. Some cold winter day, all the baice can be poured out of the tars and as

soon as the weather gets warm in the spring the oil and flesh can be poured together to completely fill the jars. By working it this way you can eventually set the pure top oil from the flesh and juice. After both have been sensested store the mice and oil in a cool duck nlane Good, well handled fish purce or oil

from trout or cat fish make a very good lure base if mixed with the proper formulas. For weasel, skunk, cuts, mink, bear,

opossum, and rine tail cats, fish juice is tops for a lure base. Trout and cat fish policy alone is attracting to most Assh sating animals. This connect he said about the average run of scale fish that make a foul odor that smells for miles. Make up and use only trout, cal fish, or eels for oil and you have a mild, pleasant, real fishy odor that will make the finest of lures. (Continued next month)

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